

# Opasraportti

## History of Science and Ideas (2015 - 2016)

### History of Science and Ideas

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### Admission requirements

History of Science and Ideas may be taken as a major subject by students who have successfully passed the entrance examination. It may also be studied as a subsidiary subject (minor) after passing a separate entrance examination arranged annually in the spring (April–May).

### Study guidance

Study guidance is provided by the University Lecturer Erkki Urpilainen, tel. +358 29 448 3305, [erkki.urpilainen@oulu.fi](mailto:erkki.urpilainen@oulu.fi)

### History of Science and Ideas

History of Science and Ideas refers not only to the history of thought but also to the history of the ways knowledge is created. The subject is rooted in the Swedish traditional discipline *idé- och lärdomshistoria*. In Europe and the USA, corresponding studies usually belong in the spheres of the history of science and intellectual history. As a term, *history of science and ideas* also reminds us that there exists a certain kind of continuum, and even some surprising connections between scientific and non-scientific thinking.

As a discipline, the History of Science investigates how ideas about science have changed during the course of history. Often, the focus is on natural sciences and medicine, but equally relevant is mapping out the history of the various fields of the humanities. The History of Science does not restrict itself simply to the history of theories; the field also studies the methodology of acquiring scientific knowledge and how it has changed as well as the nature of and criteria for scientific knowledge in different eras.

The different branches of the History of Science usually group around certain methodological aspects or research problems, or on the history of a specific era, discipline or technology. The subject can also cover matters such as studying the scientific instruments of past eras, or the interaction between the institutional structures of science and scientific knowledge in different time periods. Just as it is impossible to study ideas removed from the world in which they are generated and have an influence on, it is impossible to regard science as something unconnected to the society which exists outside of academies and laboratories. Science always reflects and affects its time.

The History of Ideas is related to the History of Philosophy. Both disciplines are often interested in the same historical thinkers. However, there are distinct differences between the disciplines. In Philosophy, the emphasis is placed on

how well a line of thought is reasoned; the History of Ideas, however, puts more stress on what an idea *reveals* about the world in which it has emerged. The History of Science and Ideas is not focused solely on the great geniuses but also on the so-called “mediocre” thinkers. In the history of scholarship, the latter form the majority.

The primary goal of the History of Science and Ideas is to interpret what people from different eras *thought* about the events and things which occurred in their lives. In this sense, the History of Science and Ideas studies the beliefs, hopes, and fears of people in eras past; how they viewed society, nature, and human nature. Other fields of study in the History of Ideas are various ideologies, concepts, and “-isms” of the past. In addition to scientific thinking, such phenomena may be the subject of analysis in terms of their effects on economy, politics and religion.

### **Subject-specific practical guidelines**

Students of History of Science and Ideas and students of History share the same Basic Studies package. In the Basic Studies, students are given an overview of the course of history and its central turning points from the perspective of both subjects. Students are introduced to historical thinking and made familiar with scientific writing. Methodology studies in particular create a foundation for understanding the science of history and help students acquire a command of the methods of research.

### **Studies and learning objectives**

After completing the Basic Studies package, students will have the knowledge, skills, and conceptual abilities to critically analyse the history of human thought as well as information acquisition and studies related to it. Students will understand the nature of thought from the perspective of the History of Science and Ideas, and can explain the unique scientific features and different approaches of the field.

After completing the Intermediate Studies package, students will be able to perform a multifaceted analysis of historical phenomena from the perspective of the History of Science and Ideas and utilise study methods—both those unique to the discipline as well as those used more widely in historical research—in their study and in utilising source materials. In addition, students will be familiar with the most central traditions of study and methodological trends in the field. With reference to Advanced Studies, after completing the Intermediate Studies package, students will have the skills needed to academically present and solve problems, use existing information and source materials, document information, propose arguments, and the skills needed for critique and scholarly dialogue. Students will be able to plan and realise independent projects related to the study and application of scientific knowledge. Students will also be able to produce treatises and other written or oral works related to their area of expertise.

After completing the Advanced Studies package, students will be able to plan and carry out complex projects requiring the search and application of information, and produce academic knowledge. Students will be capable of handling demanding independent work requiring analysis, creativity, and ethical evaluation, and they can also act as experts for various groups or organisations. Students will be able to critically analyse source materials and arguments and present logically the results of studies in written form. Students will be able to critically analyse and apply the central study methods of the field. Students will be able to make use of concepts typical to the History of Science and Ideas and also have the capability to apply methodological and theoretical tools from other fields. Students will be able to conceive the diversity of the field and see the subject of their study as part of a broader study context. Students can independently comment on the academic discourse in their field.

## **COURSES**

### **Basic Studies of History (25 ECTS credits):**

700103Y Personal Study Plan 1 (Candidate's degree), 0 ECTS cr

700123P From Ancient Civilisations to the Early Modern Period (5 ECTS credits)

700124P Late Modern and Contemporary History (5 ECTS credits)

700125P The History of Sciences and Ideas (5 ECTS credits)

700126P Introduction to the Study of History (5 ECTS credits)

700127P Methodology: From Basics to Application (5 ECTS credits)

**Intermediate studies (45 ECTS cr):**

700104Y Personal Study Plan 2 (Candidate's degree), 0 ECTS cr

700128A Qualitative Methods, Information Seeking, and Library Utilisation, 5 ECTS cr

700129A Introduction to the History of Science and Ideas and Archival Research, 5 ECTS cr

700150A Antiquity and the Middle Ages, 5 ECTS cr

700151A The Renaissance and the Enlightenment, 5 ECTS cr

700152A The Modern Era, 5 ECTS

700153A Global History of Ideas, 5 ECTS cr

700154A The Development of the Western Idea of Humans , 5 ECTS

700155A History of Science and Ideas in Finland, 5 ECTS cr

700156A History of Science and Technology , 5 ECTS cr

700157A History of Religious Ideas, 5 ECTS cr

700158A History of Academic Institutions and Scientific Societies, 5 ECTS

700167A Valinnaiset aate- ja oppihistorian lähialat, 5 ECTS cr

700226A Bachelor's (Candidate's) Seminar and Thesis, 10 ECTS

700224A Maturity Test for Candidate's Degree /History of Science and Ideas, 0 ECTS cr

700214A Pro Seminar and Thesis (Minor Studies), 10 ECTS cr

**Advanced Studies (80 ECTS cr):**

700227Y Personal Study Plan 3 (Master's degree), 0 ECTS cr

700159S Advanced studies on Methodology, 5 ECTS cr

700161S Theory and Philosophy of History and the Philosophy of Science, 5 ECTS cr

700162S The Study of Science, 5 ECTS cr

700163S History of Philosophy, 5 ECTS cr

700164S Science and Politics , 5 ECTS cr

700165S The History of Academic Field, 5 ECTS cr

700166S The History of a Political Idea, 5 ECTS cr

700221S History of Science and Ideas Seminar, 10 ECTS cr

700222S Master's Thesis (Pro Gradu Thesis), 40 ECTS cr

700225S Maturity Test (Master's Degree), 0 ECTS cr

# Tutkintorakenteet

## FM-degree/History of Science and Ideas, Archive Studies Option

Tutkintorakenteen tila: published

Lukuvuosi: 2015-16

Lukuvuoden alkamispäivämäärä: 01.08.2015

A110904: History of Science and Ideas, Archive Studies Option, Advanced Studies, 80 op

*E1*

- 700140Y: Personal Study Plan 3 (Archive Studies Option), 0 op
- 700130S: Basics of Document Management, 2 op
- 700131S: Basics of Archive Laws and the Field of Archives, 2 op
- 700135S: Basics of Document Management and Creating Archives, 2 op
- 700137S: Document Preservation and Demand, 2 op
- 700132S: Management and Description of Documentary Information, 3 op
- 700133S: Evaluation and Screening of Documents, 3 op
- 700134S: Electronic Document Management, 4 op
- 700136S: Work Practice in Archives, 12 op

*e1*

- 700221S: History of Science and Ideas Seminar, 10 op
- 700222S: Master's Thesis, 40 op

Tutkintorakenteen tila: published

Lukuvuosi: 2015-16

Lukuvuoden alkamispäivämäärä: 01.08.2015

A110903: History of Science and Ideas, advanced studies, 60 - 80 op

*E1*

- 700159S: Advanced Studies on Methodology, 5 op
- 700161S: Theory and Philosophy of History and the Philosophy of Science, 5 op
- 700162S: The Study of Science, 5 op
- 700163S: History of Philosophy, 5 op
- 700164S: Science and Politics, 5 op
- 700165S: The History of Academic Field, 5 op
- 700166S: The History of a Political Idea, 5 op

*e2*

- 700221S: History of Science and Ideas Seminar, 10 op
- 700222S: Master's Thesis, 40 op
- 700227Y: Personal Study Plan 3 (Master's degree), 0 op

Tutkintorakenteen tila: published

Lukuvuosi: 2015-16

Lukuvuoden alkamispäivämäärä: 01.08.2015

A110903: History of Science and Ideas, advanced studies, 60 - 80 op

*E1*

- 700159S: Advanced Studies on Methodology, 5 op
- 700161S: Theory and Philosophy of History and the Philosophy of Science, 5 op

700162S: The Study of Science, 5 op  
 700163S: History of Philosophy, 5 op  
 700164S: Science and Politics, 5 op  
 700165S: The History of Academic Field, 5 op  
 700166S: The History of a Political Idea, 5 op

*e2*

700221S: History of Science and Ideas Seminar, 10 op  
 700222S: Master's Thesis, 40 op  
 700227Y: Personal Study Plan 3 (Master's degree), 0 op

## **HuK-degree/History of Ideas and Sciences**

Tutkintorakenteen tila: published

Lukuvuosi: 2015-16

Lukuvuoden alkamispäivämäärä: 01.08.2015

A113801: History, Basic Studies, 25 op

A110902: History of Science and Ideas, intermediate studies, 45 op

700740P: Introduction to Finnish Law, 5 op

## **HuK-degree/History of Ideas and Sciences x**

Tutkintorakenteen tila: published

Lukuvuosi: 2015-16

Lukuvuoden alkamispäivämäärä: 01.08.2015

### **History, Basic Studies 25 op (vähintään 25 op)**

A113801: History, Basic Studies, 25 op

### **History of Science and Ideas, intermediate studies 45 op (vähintään 45 op)**

A110902: History of Science and Ideas, intermediate studies, 45 op

## **Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot**

700150A: Antiquity and the Middle Ages, 5 op  
 700226A: Bachelor's Seminar and Thesis, 10 op  
 700167A: Courses in Related Fields of History of Science and Ideas, 5 op  
 700123P: From Ancient Civilisations to the Late Modern Period, 5 op  
 700153A: Global History of Ideas, 5 op  
 700158A: History of Academic Institutions and Scientific Societies, 5 op  
 700157A: History of Religious Ideas, 5 op

700155A: History of Science and Ideas in Finland, 5 op  
 700156A: History of Science and Technology, 5 op  
 700127P: Introduction to Research Methods, 5 op  
 700129A: Introduction to the History of Science and Ideas and Archival Research, 5 op  
 700126P: Introduction to the Study of History, 5 op  
 700124P: Late Modern and Contemporary History, 5 op  
 700224A: Maturity Test for Bachelor's Degree /History of Science and Ideas, 0 op  
 700103Y: Personal Study Plan 1 (Bachelor's degree), 0 op  
 700104Y: Personal Study Plan 2 (Bachelor's degree), 0 op  
 700214A: Pro Seminar and Thesis (Minor Studies), 10 op  
 700128A: Qualitative Methods, Information Seeking, and Library Utilisation, 5 op  
 700154A: The Development of the Western Idea of Humans, 5 op  
 700125P: The History of Sciences and Ideas, 5 op  
 700152A: The Modern Era, 5 op  
 700151A: The Renaissance and the Enlightenment, 5 op  
 700223S: Work Training, 6 - 12 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

#### **A110904: History of Science and Ideas, Archive Studies Option, Advanced Studies, 80 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

*E1*

#### **700140Y: Personal Study Plan 3 (Archive Studies Option), 0 op**

**Voimassaolo:** 01.08.2013 -

**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 year, autumn term

**Learning outcomes:**

Students create a plan for completing their studies in Archive Studies Option. The plan is based on students' own employment ambitions in relation to their education.

**Contents:**

Updating former Personal Study Plans, timing of the Archival Studies.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Personal Study Plan meeting with Matti Enbuske, after which students plan and schedule their studies, including education in relation to future (employment) plans, work practice and minor subjects.

**Target group:**

Students specialising in Archival Studies

**Prerequisites and co-requisites:**

None

**Assessment methods and criteria:**

Written study plan.

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

**Grading:**

Pass

**Person responsible:**

Matti Enbuske

**Working life cooperation:**

None

**700130S: Basics of Document Management, 2 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:**

2

**Language of instruction:**

Finnish

**Timing:**

4<sup>th</sup> year

**Learning outcomes:**

Students will be able to explain document management and the field of archives as a part of the operational environment and data administration. Students will be able to describe the relationships between different areas of data administration as well as the tasks of data administration with the central terms and definitions of the field. Students will be introduced to the central document management tools and their significances and relationships.

**Contents:**

Students will gain a general idea of the basics of manual and electronic archives management and familiarise themselves with the management tools of documents.

**Mode of delivery:**

Contact teaching and online course

**Learning activities and teaching methods:**

Contact teaching days of The National Archives Service and online assignments

**Target group:**

Students specialising in Archival Studies

**Prerequisites and co-requisites:**

Requires a two month supervised archives practice

**Recommended optional programme components:**

Upon successful completion, students can apply to complete the basic archives management degree in the National Archives Service.

**Recommended or required reading:**

Material assigned during contact lectures

**Assessment methods and criteria:**

Successful completion of the course organised by the National Archives and related assignments

**Grading:**

Pass/Fail

**Person responsible:**

Matti Enbuske

**Working life cooperation:**

Familiarisation with the operational environment of the field of archives

**700131S: Basics of Archive Laws and the Field of Archives, 2 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:**

2

**Language of instruction:**

Finnish

**Timing:**

4<sup>th</sup> year

**Learning outcomes:**

Upon completion of the course, students will understand the main developments and the characteristics of the Finnish Archives Administration and its different types of organisations. Students will know the main contents of the archives law, the public and information laws regarding officials as well as the significance of archives as the citizens' information service.

**Contents:**

Students will familiarise themselves with administration history, organisations and laws.

**Mode of delivery:**

Book exam

**Learning activities and teaching methods:**

Book exam on the exam days of the National Archives Service

**Target group:**

Students specialising in Archival Studies

**Prerequisites and co-requisites:**

700130S Basics of Document Management



**Recommended optional programme components:**

To be completed after the course 700130S

**Recommended or required reading:**

Julkinen hallinto, tiedonhallintatapa ja hallintohistoria:

-Arkistot, yhteiskunnan toimiva muisti (electronic book), p. 13–34, 91–101, 170–176, 189–199 and 246–249;

-Etelälahti, Kiviniemi, Strömberg, Vehkamäki: Valtionhallinnon perusteet 2008, p. 13–145 (NB. Not chapter "Valtio työnantajana");

-Toimiva kunta. Kuntakoulutus Oy. Ed. Martti Vahermo (2004);

-Suomen keskushallinnon historia 1809–1996 (1996), p. 551–734;

-Haario, Pirkko: Asiakirjahallinnon ominaispiirteitä eri organisaatiotyypeissä. Kunnalliset viranomaiset. Luentomoniste. Asiakirjahallinnon koulutusohjelma VII, 28.9.2001, p. 1–17;

-Suomen historian asiakirjalähteet (Eds. Eljas Orrman ja Elisa Pispala 1994), p. 215–227;

-Hyvän tiedonhallintatavan määrittäminen. VM:n työryhmämuistioita 11/2000, p. 1–13;

-Hyvään tiedonhallintatapaan brochure;

-Ohje riskien arvioinnista tietoturvallisuuden edistämiseksi valtionhallinnossa. VAHTI 7/2003, p. 9–50; Asianhallinnan tietoturvallisuutta koskeva ohje. VAHTI 5/2006, p. 5–40.

Tieto- ja asiakirjahallintoon liittyvä lainsäädäntö:

-Arkistolaki 831/1994 muutoksineen;

-Arkistolain perustelut. Hallituksen esitys eduskunnalle arkistoliksi. HE187/93;

-Asetus arkistolaitoksesta 832/1994;

-Laki sähköisestä asioinnista viranomaistoiminnassa 13/2003;

-Asetus tasavallan presidentin arkistoista 1521/1995;

-Laki viranomaisten toiminnan julkisuudesta 621/1999 muutoksineen; Asetus viranomaisten toiminnan julkisuudesta ja hyvästä tiedonhallintatavasta 1030/1999;

-Henkilötietolaki 523/1999.

**Assessment methods and criteria:**

A successfully completed book exam

**Grading:**

0-5

**Person responsible:**

Matti Enbuske

**Working life cooperation:**

Familiarisation with the laws and organisational structures required by work life

**Other information:**

Corresponds to Module 1 of the basic degree of Document Administration and Archives

**700135S: Basics of Document Management and Creating Archives, 2 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:**

2

**Language of instruction:**

Finnish

**Timing:**

4<sup>th</sup> year

**Learning outcomes:**

Upon completion of the course, students will be able to explain the different tools for document management. Students will understand the central principles of planning an archive and related document definitions. Students will also be able to design a plan for creating an archive.

**Contents:**

Students will familiarise themselves with document management and plans for creating archives.

**Mode of delivery:**

Book exam

**Learning activities and teaching methods:**

Book exam on the National Archives Service exam dates

**Target group:**

Students specialising in Archival Studies

**Prerequisites and co-requisites:**

700130S Basics of Document Management

**Recommended optional programme components:**

To be completed after courses 700130S and 700131S

**Recommended or required reading:**

- Arkistot, yhteiskunnan toimiva muisti (electronic book), p. 1, 38–91;
- Opas arkistonmuodostussuunnitelman laatimiseksi ja ylläpitämiseksi (Arkistonmuodostussuunnitelma AMS, Arkistolaitoksen ohje 18.4.2007);
- Sähköisten asiakirjallisten tietojen käsittely, hallinta ja säilyttäminen (määräys 19.12.2008 AL 9815/07.01.01.00/2008), p. 1–14;
- Asiakirjojen ja tietojen rekisteröinti asiankäsittelyjärjestelmissä ja asiakirjarekistereissä (Arkistolaitoksen määräys ja ohje 10.6.2003, 195/40/2003 as well as normi ja liite);
- Sähköinen asiointipalvelu – Toimenpiteet ja kulku asiakirjahallinnon näkökulmasta; Kunnallisen asiakirjahallinnon opas (suositus 19.4.2011, AL/10550/07.01.01.00/2011);
- Opas säilytysaikojen määrittelyn periaatteiksi (Kansallisarkisto 22.9.2010);
- Valtionhallinnon asiakirjojen seulonta ja hävittäminen (Arkistolaitoksen määräys ja ohje 3.8.2010 (AL/19273/07.01.01.00/2008. Normi vaihdettu 14.9.2010);
- Tutkimustoiminta. Asiakirjat, aineistot, dokumentointi (Ed. Eero Vallisaari 25.4.1997);
- Pureeko ajan hammas. Arkistointi ja asiakirjojen säilytysajat (Liikearkistoyhdistys ry:n julkaisuja 17. 2000), p. 5-22 and 77-82

**Assessment methods and criteria:**

A successfully completed book exam

**Grading:**

0-5

**Person responsible:**

Matti Enbuske

**Working life cooperation:**

Familiarisation with the practicalities of realising a plan for creating an archive required by work life

**Other information:**

Corresponds to Module 2 of the basic degree of Document Administration and Archives

**700137S: Document Preservation and Demand, 2 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:**

2

**Language of instruction:**

Finnish

**Timing:**4<sup>th</sup> year**Learning outcomes:**

Upon completion of the course, students will be able to explain the central principles relating to document creation, preservation, and placement. Students will also know the regulations of the National Archives Service for moving documents as well as the principles of document restoration.

**Contents:**

Students will familiarise themselves with the basics of document preservation.

**Mode of delivery:**

Book exam

**Learning activities and teaching methods:**

Book exam on the National Archives Service exam dates

**Target group:**

Students specialising in Archival Studies

**Prerequisites and co-requisites:**

700130S Basics of Document Management

**Recommended optional programme components:**

To be completed after the course 700135S

**Recommended or required reading:**

Arkistot, yhteiskunnan toimiva muisti (electronic book), p. 102–105, 109–152, 163–165;  
 -Pysyvästi säilytettävien asiakirjojen ja sähköisten tietoaineistojen korvaaminen mikrofilmillä (määräys: 1.1.2011, AL/13157/07.01.01.00/2010);  
 -Asiakirjallisen-kulttuuriperinnön mikrokuvaamisen ja mikrofilmille-tulostamisen laatukriteerit (määräys: 1.1.2011,-AL/21756/07.01.02.00/2010); Arkistojen kuvailu- ja luettelointisäännöt (Arkistolaitos 1997), p. 1–51;  
 -Määräys ja ohjeet arkistotiloista (määräys 21.8.2007 (KA 1386/40/2007): Saatekirje 1 sekä Arkistotilaohje);  
 -Asiakirjojen suojaaminen poikkeusoloissa. Arkistolaitoksen ohje 10.12.2009 (AL/16103/07.01.01.00/2009);  
 -Kunnallisten asiakirjojen säilytysajat. Määräykset ja suositukset (Suomen kuntaliitto 2001), Part 1, p. 1–9;  
 -Viranomaisten pysyvästi säilytettävien analogisten asiakirjojen luovuttaminen arkistolaitokseen (määräys 10.10.2012, AL/22704/07.01.01.00/2011);  
 -Sähköisten asiakirjallisten tietojen käsittely, hallinta ja säilyttäminen (määräys 19.12.2008 AL 815/07.01.01.00/2008), p. 15–18.

**Assessment methods and criteria:**

A successfully completed book exam

**Grading:**

0–5

**Person responsible:**

Matti Enbuske

**Working life cooperation:**

Practical familiarisation with the preservation of documents, as well as with the usage and space requirements related to their usage

**Other information:**

Corresponds to Module 3 of the basic degree of Document Administration and Archives

**700132S: Management and Description of Documentary Information, 3 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

4th-5th year

**Assessment methods and criteria:**

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

**Grading:**

0-5

**Person responsible:**

Matti Enbuske

### **700133S: Evaluation and Screening of Documents, 3 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:**

3

**Language of instruction:**

Finnish

**Timing:**

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

**Learning outcomes:**

Upon completion of the course, students will know the screening policies and strategies of the Finnish National Archives Service. Students will also be familiar with the related problems and be able to compare them internationally. Students will have extensive knowledge of the theory of creating archives as well as the basics of its application. Students will also be able to describe the central characteristics of the historical Finnish archival materials.

**Contents:**

Students will familiarise themselves with documents from different eras, the screening of documents and related international problems.

**Mode of delivery:**

Contact teaching or book exam

**Learning activities and teaching methods:**

Lecture course and material. If the course is to be completed as a book exam, it will be organised on the National Archives Service exam dates.

**Target group:**

Students specialising in Archival Studies

**Prerequisites and co-requisites:**

700130S Basics of Document Management

**Recommended or required reading:**

Lecture material handed during lectures. A list of literature for the book exam can be obtained from the person responsible.

**Assessment methods and criteria:**

Successfully completed lecture course or book exam

**Grading:**

0-5

**Person responsible:**

Matti Enbuske

**Working life cooperation:**

Practical familiarisation with the screening of documents

**700134S: Electronic Document Management, 4 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:**

4

**Language of instruction:**

Finnish

**Timing:**

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

**Learning outcomes:**

Upon completion of the course, students will know the regulations, standards and information security related to the operational field of administration and electronic documents. Students will understand information control as a part of the development of electronic documents and information architecture. Students will know the central facts of long-term storage of documents and the requirements of information control in the acquisition of data systems.

**Contents:**

Studies in an online environment related to electronic document management

**Mode of delivery:**

Online teaching

**Learning activities and teaching methods:**

Lecture course arranged as online teaching and a related assignment

**Target group:**

Students specialising in Archival Studies

**Prerequisites and co-requisites:**

700130S Basics of Document Management

**Recommended or required reading:**

Online learning environment and material assigned

**Assessment methods and criteria:**

A successfully completed online course

**Grading:**

0-5

**Person responsible:**

Matti Enbuske

**Working life cooperation:**

Upon completion of the course, students will know the requirements related to digital documents and working in archives.

**700136S: Work Practice in Archives, 12 op****Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Advanced Studies**Laji:** Practical training**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

12

**Language of instruction:**

Finnish

**Timing:**4<sup>th</sup>-5<sup>th</sup> year**Learning outcomes:**

In the supervised work practice, students will be able to apply the knowledge and skills gained from the courses to practical work in archives.

**Contents:**

Studies for the improvement of work skills

**Mode of delivery:**

Work practice

**Learning activities and teaching methods:**

Compulsory practice in the National Archives and other appropriate archives

**Target group:**

Students specialising in Archival Studies

**Assessment methods and criteria:**

Students must write a report about the practice to the person responsible for the studies. The duration of the training is made into credits so that a month equals 3 ECTS credits.

**Grading:**

Pass/fail

**Person responsible:**

Matti Enbuske

**Working life cooperation:**

Supervised work practice which will develop working skills and where skills and knowledge acquired during the studies will be applied to practical work

**Other information:**

Students must complete at least four months of training for the Master's Degree. Correspondence to the archives degree of the National Archives Service is achieved when the work practice lasts for six months. At least three months must be completed in the National Archives Service.

**700221S: History of Science and Ideas Seminar, 10 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Kallinen, Maija Sinikka**Opintokohteen kielet:** Finnish**ECTS Credits:**

10

**Language of instruction:**

Finnish

**Timing:**4<sup>th</sup> – 5<sup>th</sup> year**Learning outcomes:**

After active participation in the seminar work, students will have the abilities required for research and scientific discourse. The students will be able to demonstrate these abilities in their Master's Thesis.

**Contents:**

Presenting the various stages of the student's own Master's Thesis, and acting as an opponent for other students (two times), participation in conversations about the theses presented in the seminar.

**Mode of delivery:**

Regularly scheduled seminars, at least for the duration of two terms

**Learning activities and teaching methods:**

Active participation in the seminars until the student's thesis is completed. However, a minimum of two semesters is required. During the seminar, each student must present: 1) A research plan for their work, 2) disposition, introduction, and a chapter from their Master's Thesis, and 3) a completed Master's Thesis. The students must also act twice as an opponent to a fellow student's disposition/introduction/thesis chapter as well as the completed Master's Thesis.

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Assessment methods and criteria:**

Independent work on a 70–90 page-long thesis.

**Grading:**

0-5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700222S: Master's Thesis, 40 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Diploma thesis**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Kallinen, Maija Sinikka**Opintokohteen kielet:** Finnish

**ECTS Credits:**

40

**Language of instruction:**

Finnish, English or Swedish

**Timing:**4<sup>th</sup> – 5<sup>th</sup> year**Learning outcomes:**

In a successfully completed Master's Thesis, the students will have shown the ability to do research work and take part in scientific dialogue. These abilities include the proper usage of the central research methods of history, an understanding of theories and ways of acquiring knowledge, and skills to present in a scholarly manner. Also, a critical approach to source materials, research literature, and scientific discourse will be evident.

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Assessment methods and criteria:**

Independent work on a 70–90 page-long thesis

**Grading:**

0-5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**A110903: History of Science and Ideas, advanced studies, 60 - 80 op****Opiskelumuoto:** Advanced Studies**Laji:** Study module**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

*E1***700159S: Advanced Studies on Methodology, 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**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**



3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will be able to identify the theoretical and methodological premises of the History of Science and Ideas, and apply them in their own theses. Students will also be able to select and apply special methods needed to research history.

**Contents:**

Study of the methodology of research in the History of Science and Ideas.

**Mode of delivery:**

Lectures about the methodology of the History of Science and Ideas, Methodology seminar, book exam

**Learning activities and teaching methods:**

Lectures, exercises, seminar, analysing old styles of handwriting, book exam

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

It is recommended that the students have completed the methodology courses offered in Basic and Intermediate Studies

**Recommended or required reading:**

Helge Kragh: Introduction to the Historiography of Science; Markku Hyrkkänen: Aatehistorian mieli, and other literature to be agreed upon separately

**Assessment methods and criteria:**

Lecture exam, assignment, book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700161S: Theory and Philosophy of History and the 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**

3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will have gained an in-depth understanding of the following areas: 1) various theories on history as a discipline and related criticism and discourse; 2) theory propositions explaining and arguing the processes, proposed laws, and the meaning of history; 3) and the theoretical discourse regarding the nature of the field, its changes, and the particular questions of scientific research (causality, paradigms, verification, objectivity, etc.).

**Contents:**

The theories of history, the philosophical theories describing the substance of history, and philosophical theories and ideas describing the aspects and development of science

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

It is recommended that the students have completed the methodology courses offered in Basic and Intermediate Studies as well as the intermediate course *Introduction to the History of Science and Ideas*.

**Recommended or required reading:**

Marja-Liisa Kakkuri-Knuuttila & Kaisa Heinlahti, *Mitä on tutkimus? Argumentaatio ja tieteenfilosofia*; Quentin Skinner, *Visions of Politics, Vol. 1: Regarding Method*, and Allan Megill, *Historical Knowledge, Historical Error – A Contemporary Guide to Practice*

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700162S: The Study 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**

3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will be able to define the central views in the Study of Science and its basic concepts enabling the students to independently follow the discussion related to the field. The students will be able to apply the terminology of the Study of Science to analyse phenomena in the history of science.

**Contents:**

Familiarisation with questions in the Study of Science

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Recommended or required reading:**

Mika Kiikeri & Petri Ylikoski, *Tiede tutkimuskohteena*; Mario Biagoli & Jessica Riskin (eds): *Nature Engaged: Science in Practice from the Renaissance to the Present*; AND Harry Collins & Trevor Pinch, *The golem – what everyone should know about science*

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700163S: History of Philosophy, 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**

3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will be able to describe the developments in the history of philosophical thought and explain the central questions of the history of Western philosophy.

**Contents:**

Familiarisation with the history of Western philosophy

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Recommended or required reading:**

Svante Nordin, *Filosofian historia*. If this work has already been used in earlier studies (i.e. Philosophy or Ethics), an alternate book may be used upon agreement with the lecturer

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700164S: Science and Politics, 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**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**3<sup>rd</sup> – 4<sup>th</sup> year**Learning outcomes:**

Students will have gained an in-depth knowledge of the relationship between science and politics. The students will also be able to describe how politicians, officials, and administrators have co-opted scientific results as well as determined what kind of science has been favoured and supported. The students will also be able to describe how scientists have been influenced by their own political and ideological beliefs in their research and peer-reviewing.

**Contents:**

National science and politics of science; the relationships of science and warfare (e.g. the Manhattan Project); the Cold War and science; the relationship between economics and economic policy; science and racism; science in the market economy, socialist societies, and dictatorships; science and social politics (e.g. eugenics, social engineering, health politics); the relationship between science and religion

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Recommended or required reading:**

From the following books, the students choose literature to cover 5 ECTS credits: Markku Mattila, *Kansamme parhaaksi. Rotuhygieniä Suomessa vuoden 1935 sterilointilakiin asti* (2 ECTS cr); Paul Crook, *Darwin's Coat-Tails. Essays on Social-Darwinism* (2 ECTS cr); Naomi Oreskes & Erik M. Conway, *Merchants of Doubt. How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming* (3 ECTS cr); P.D. Smith, *Doomsday Men. The Real Dr Strangelove and the Dream of the Superweapon* (3 ECTS cr); Elazar Barkan, *Retreat of Scientific Racism. Changing Concepts of Race in Britain and the United States between the World Wars* (3 ECTS cr); Denis R. Alexander and Ronald L. Numbers (eds.), *Biology and Ideology from Descartes to Dawkins* (3 ECTS cr); or other literature as agreed with the course lecturer.

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700165S: The History of Academic Field, 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**

3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will have made an in-depth analysis of the history of an academic field of their choosing and can describe the major historical developments of the field.

**Contents:**

An in-depth analysis of the history of an academic field: In biology, for example, theories of human evolution, or, in physics, quantum physics; other possible fields are cosmology, criminology, psychiatry, psychoanalysis, neurosciences, public health sciences, genetics, political economics, history of ideas, etc.

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

It is recommended that students have completed the following courses before attending: History of Science and Ideas (700125P) and History of Science and Technology (700156A).

**Recommended or required reading:**

From the following books, the students choose literature to cover 5 ECTS credits: Petteri Pietikäinen, *Hulluuden historia* (3 ECTS cr); Oren Harman, *The Price of Altruism. George Price and the Search for the Origins of Kindness* (3 ECTS cr); George Makari, *Revolution in Mind. The Creation of Psychoanalysis* (3 ECTS cr); Kurt Danziger, *Naming the Mind. How Psychology Found Its Language* (2 ECTS cr); Gino Segre, *Faust in Copenhagen. A Struggle for the Soul of Physics* (2 ECTS cr); Jouko Aho, *Sieluun piirretty viiva. Psykologisia perinteitä suomenmielisestä sielutieteestä kokeelliseen kasvatustieteeseen* (2 ECTS cr); or other literature as agreed with the course lecturer.

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700166S: The History of a Political Idea, 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**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**3<sup>rd</sup> – 4<sup>th</sup> year**Learning outcomes:**

Students will have made an in-depth analysis of the history of a political or social idea of their choosing and can describe its major historical developments.

**Contents:**

An in-depth analysis of a political or social idea: Nationalism, socialism, liberalism, fascism, anarchism, utopianism, the green movement

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

It is recommended that students have completed the following courses before attending: *History of Social and Political Ideas* 700096P and *Introduction to the History of Science and Ideas* 700106A

**Recommended or required reading:**

From the following books, the students choose literature to cover 5 ECTS credits: Stanley G. Payne, *A History of Fascism, 1914-1945* (5 ECTS cr); Donald Sassoon, *One Hundred Years of Socialism. The West European Left in the Twentieth Century*, (p. xix–468) (5 ECTS cr); Kari Saastamoinen, *Eurooppalainen liberalismimi* (2 ECTS cr); Ernest Gellner, *Nations and Nationalism* (2 ECTS cr); Peter Marshall, *Demanding the Impossible*, (p. ix–50, 191–427) (3 ECTS cr); Gregory Clayes (ed.), *The Cambridge Companion to Utopian Literature* (3 ECTS cr); or other literature as agreed with the course lecturer.

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

e2

**700221S: History of Science and Ideas Seminar, 10 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Kallinen, Maija Sinikka**Opintokohteen kielet:** Finnish**ECTS Credits:**

10

**Language of instruction:**

Finnish

**Timing:**4<sup>th</sup> – 5<sup>th</sup> year**Learning outcomes:**

After active participation in the seminar work, students will have the abilities required for research and scientific discourse. The students will be able to demonstrate these abilities in their Master's Thesis.

**Contents:**

Presenting the various stages of the student's own Master's Thesis, and acting as an opponent for other students (two times), participation in conversations about the theses presented in the seminar.

**Mode of delivery:**

Regularly scheduled seminars, at least for the duration of two terms

**Learning activities and teaching methods:**

Active participation in the seminars until the student's thesis is completed. However, a minimum of two semesters is required. During the seminar, each student must present: 1) A research plan for their work, 2) disposition, introduction, and a chapter from their Master's Thesis, and 3) a completed Master's Thesis. The students must also act twice as an opponent to a fellow student's disposition/introduction/thesis chapter as well as the completed Master's Thesis.

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Assessment methods and criteria:**

Independent work on a 70–90 page-long thesis.

**Grading:**

0-5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700222S: Master's Thesis, 40 op****Voimassaolo:** 01.08.2005 -

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

**ECTS Credits:**

40

**Language of instruction:**

Finnish, English or Swedish

**Timing:**4<sup>th</sup> – 5<sup>th</sup> year**Learning outcomes:**

In a successfully completed Master's Thesis, the students will have shown the ability to do research work and take part in scientific dialogue. These abilities include the proper usage of the central research methods of history, an understanding of theories and ways of acquiring knowledge, and skills to present in a scholarly manner. Also, a critical approach to source materials, research literature, and scientific discourse will be evident.

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Assessment methods and criteria:**

Independent work on a 70–90 page-long thesis

**Grading:**

0-5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700227Y: 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:**

Immediately after completion of BA

**Learning outcomes:**

Students will have a plan for completing their Master's degree, including education in relation to future (employment) plans.

**Mode of delivery:**

Personal Study Plan meetings with a professor of History of Science and Ideas



**Learning activities and teaching methods:**

Written study plan

**Target group:**

Students majoring in History of Science and Ideas

**Prerequisites and co-requisites:**

Basic and Intermediate Studies

**Assessment methods and criteria:**

A written study plan

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

**Grading:**

Pass

**Person responsible:**

Professor of History of Science and Ideas

**Working life cooperation:**

None

**A110903: History of Science and Ideas, advanced studies, 60 - 80 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

*E1*

**700159S: Advanced Studies on Methodology, 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**

3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will be able to identify the theoretical and methodological premises of the History of Science and Ideas, and apply them in their own theses. Students will also be able to select and apply special methods needed to research history.

**Contents:**

Study of the methodology of research in the History of Science and Ideas.

**Mode of delivery:**

Lectures about the methodology of the History of Science and Ideas, Methodology seminar, book exam

**Learning activities and teaching methods:**

Lectures, exercises, seminar, analysing old styles of handwriting, book exam

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

It is recommended that the students have completed the methodology courses offered in Basic and Intermediate Studies

**Recommended or required reading:**

Helge Kragh: Introduction to the Historiography of Science; Markku Hyrkkänen: Aatehistorian mieli, and other literature to be agreed upon separately

**Assessment methods and criteria:**

Lecture exam, assignment, book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700161S: Theory and Philosophy of History and the 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**

3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will have gained an in-depth understanding of the following areas: 1) various theories on history as a discipline and related criticism and discourse; 2) theory propositions explaining and arguing the processes, proposed laws, and the meaning of history; 3) and the theoretical discourse regarding the nature of the field, its changes, and the particular questions of scientific research (causality, paradigms, verification, objectivity, etc.).

**Contents:**

The theories of history, the philosophical theories describing the substance of history, and philosophical theories and ideas describing the aspects and development of science

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

It is recommended that the students have completed the methodology courses offered in Basic and Intermediate Studies as well as the intermediate course *Introduction to the History of Science and Ideas*.

**Recommended or required reading:**

Marja-Liisa Kakkuri-Knuuttila & Kaisa Heinlahti, *Mitä on tutkimus? Argumentaatio ja tieteenfilosofia*; Quentin Skinner, *Visions of Politics, Vol. 1: Regarding Method*, and Allan Megill, *Historical Knowledge, Historical Error – A Contemporary Guide to Practice*

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700162S: The Study 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**

3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will be able to define the central views in the Study of Science and its basic concepts enabling the students to independently follow the discussion related to the field. The students will be able to apply the terminology of the Study of Science to analyse phenomena in the history of science.

**Contents:**

Familiarisation with questions in the Study of Science

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Recommended or required reading:**

Mika Kiikeri & Petri Ylikoski, *Tiede tutkimuskohteena*, Mario Biagoli & Jessica Riskin (eds): *Nature Engaged: Science in Practice from the Renaissance to the Present*; AND Harry Collins & Trevor Pinch, *The golem – what everyone should know about science*

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700163S: History of Philosophy, 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**

3<sup>rd</sup> – 4<sup>th</sup> year

**Learning outcomes:**

Students will be able to describe the developments in the history of philosophical thought and explain the central questions of the history of Western philosophy.

**Contents:**

Familiarisation with the history of Western philosophy

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Recommended or required reading:**

Svante Nordin, *Filosofian historia*. If this work has already been used in earlier studies (i.e. Philosophy or Ethics), an alternate book may be used upon agreement with the lecturer

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700164S: Science and Politics, 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**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**3<sup>rd</sup> – 4<sup>th</sup> year**Learning outcomes:**

Students will have gained an in-depth knowledge of the relationship between science and politics. The students will also be able to describe how politicians, officials, and administrators have co-opted scientific results as well as determined what kind of science has been favoured and supported. The students will also be able to describe how scientists have been influenced by their own political and ideological beliefs in their research and peer-reviewing.

**Contents:**

National science and politics of science; the relationships of science and warfare (e.g. the Manhattan Project); the Cold War and science; the relationship between economics and economic policy; science and racism; science in the market economy, socialist societies, and dictatorships; science and social politics (e.g. eugenics, social engineering, health politics); the relationship between science and religion

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Recommended or required reading:**

From the following books, the students choose literature to cover 5 ECTS credits: Markku Mattila, *Kansamme parhaaksi. Rotuhygieniä Suomessa vuoden 1935 sterilointilakiin asti* (2 ECTS cr); Paul Crook, *Darwin's Coat-Tails. Essays on Social-Darwinism* (2 ECTS cr); Naomi Oreskes & Erik M. Conway, *Merchants of Doubt. How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming* (3 ECTS cr); P.D. Smith, *Doomsday Men. The Real Dr Strangelove and the Dream of the Superweapon* (3 ECTS cr); Elazar Barkan, *Retreat of Scientific Racism. Changing Concepts of Race in Britain and the United States between the World Wars* (3 ECTS cr); Denis R. Alexander and Ronald L. Numbers (eds.), *Biology and Ideology from Descartes to Dawkins* (3 ECTS cr); or other literature as agreed with the course lecturer.

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700165S: The History of Academic Field, 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**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**3<sup>rd</sup> – 4<sup>th</sup> year**Learning outcomes:**

Students will have made an in-depth analysis of the history of an academic field of their choosing and can describe the major historical developments of the field.

**Contents:**

An in-depth analysis of the history of an academic field: In biology, for example, theories of human evolution, or, in physics, quantum physics; other possible fields are cosmology, criminology, psychiatry, psychoanalysis, neurosciences, public health sciences, genetics, political economics, history of ideas, etc.

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

It is recommended that students have completed the following courses before attending: History of Science and Ideas (700125P) and History of Science and Technology (700156A).

**Recommended or required reading:**

From the following books, the students choose literature to cover 5 ECTS credits: Petteri Pietikäinen, *Hulluuden historia* (3 ECTS cr); Oren Harman, *The Price of Altruism. George Price and the Search for the Origins of Kindness* (3 ECTS cr); George Makari, *Revolution in Mind. The Creation of Psychoanalysis* (3 ECTS cr); Kurt Danziger, *Naming the Mind. How Psychology Found Its Language* (2 ECTS cr); Gino Segre, *Faust in Copenhagen. A Struggle for the Soul of Physics* (2 ECTS cr); Jouko Aho, *Sieluun piirretty viiva. Psykologisia perinteitä suomenmielisestä sielutieteestä kokeelliseen kasvatustoppiin* (2 ECTS cr); or other literature as agreed with the course lecturer.

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700166S: The History of a Political Idea, 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**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5

**Language of instruction:**

Finnish / English

**Timing:**3<sup>rd</sup> – 4<sup>th</sup> year**Learning outcomes:**

Students will have made an in-depth analysis of the history of a political or social idea of their choosing and can describe its major historical developments.

**Contents:**

An in-depth analysis of a political or social idea: Nationalism, socialism, liberalism, fascism, anarchism, utopianism, the green movement

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Participation to lectures and/or book exam, or some other written assignment

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

It is recommended that students have completed the following courses before attending: *History of Social and Political Ideas* 700096P and *Introduction to the History of Science and Ideas* 700106A

**Recommended or required reading:**

From the following books, the students choose literature to cover 5 ECTS credits: Stanley G. Payne, *A History of Fascism, 1914-1945* (5 ECTS cr); Donald Sassoon, *One Hundred Years of Socialism. The West European Left in the Twentieth Century*, (p. xix–468) (5 ECTS cr); Kari Saastamoinen, *Eurooppalainen liberalismismi* (2 ECTS cr); Ernest Gellner, *Nations and Nationalism* (2 ECTS cr); Peter Marshall, *Demanding the Impossible*, (p. ix–50, 191–427) (3 ECTS cr); Gregory Clayes (ed.), *The Cambridge Companion to Utopian Literature* (3 ECTS cr); or other literature as agreed with the course lecturer.

**Assessment methods and criteria:**

Lecture exam and/or book exam

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700221S: History of Science and Ideas Seminar, 10 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Kallinen, Maija Sinikka**Opintokohteen kielet:** Finnish**ECTS Credits:**

10

**Language of instruction:**

Finnish

**Timing:**4<sup>th</sup> – 5<sup>th</sup> year**Learning outcomes:**

After active participation in the seminar work, students will have the abilities required for research and scientific discourse. The students will be able to demonstrate these abilities in their Master's Thesis.

**Contents:**

Presenting the various stages of the student's own Master's Thesis, and acting as an opponent for other students (two times), participation in conversations about the theses presented in the seminar.

**Mode of delivery:**

Regularly scheduled seminars, at least for the duration of two terms

**Learning activities and teaching methods:**

Active participation in the seminars until the student's thesis is completed. However, a minimum of two semesters is required. During the seminar, each student must present: 1) A research plan for their work, 2) disposition, introduction, and a chapter from their Master's Thesis, and 3) a completed Master's Thesis. The students must also act twice as an opponent to a fellow student's disposition/introduction/thesis chapter as well as the completed Master's Thesis.

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Assessment methods and criteria:**

Independent work on a 70–90 page-long thesis.

**Grading:**

0-5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700222S: Master's Thesis, 40 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Diploma thesis**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Kallinen, Maija Sinikka**Opintokohteen kielet:** Finnish



**ECTS Credits:**

40

**Language of instruction:**

Finnish, English or Swedish

**Timing:**4<sup>th</sup> – 5<sup>th</sup> year**Learning outcomes:**

In a successfully completed Master's Thesis, the students will have shown the ability to do research work and take part in scientific dialogue. These abilities include the proper usage of the central research methods of history, an understanding of theories and ways of acquiring knowledge, and skills to present in a scholarly manner. Also, a critical approach to source materials, research literature, and scientific discourse will be evident.

**Target group:**

Students majoring or minoring in the History of Science and Ideas

**Assessment methods and criteria:**

Independent work on a 70–90 page-long thesis

**Grading:**

0-5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

**700227Y: 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:**

Immediately after completion of BA

**Learning outcomes:**

Students will have a plan for completing their Master's degree, including education in relation to future (employment) plans.

**Mode of delivery:**

Personal Study Plan meetings with a professor of History of Science and Ideas

**Learning activities and teaching methods:**

Written study plan

**Target group:**

Students majoring in History of Science and Ideas

**Prerequisites and co-requisites:**

Basic and Intermediate Studies

**Assessment methods and criteria:**

A written study plan

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

**Grading:**

Pass

**Person responsible:**

Professor of History of Science and Ideas

**Working life cooperation:**

None

## **A113801: History, Basic Studies, 25 op**

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ayA113801 History, basic studies (OPEN UNI) 25.0 op

Ei opintojaksokuvauksia.

## **A110902: History of Science and Ideas, intermediate studies, 45 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

## **700740P: Introduction to Finnish Law, 5 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700740P Introduction to Finnish Law (OPEN UNI) 5.0 op

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

4th-5th year

**Learning outcomes:**

Upon completing the course, students will be able to explain the main features of the juridical system in Finland. Based on this knowledge students will be able to teach Law at lower secondary school level.

**Contents:**

Main principles of the juridical system in Finland

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

A series of lectures and literature to be read independently.

**Target group:**

Students majoring in History and who have been selected for teacher education

**Prerequisites and co-requisites:**

Basic and Intermediate Studies in History/History of Science and Ideas

**Recommended or required reading:**

To be agreed separately

**Assessment methods and criteria:**

Written assignment

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

**Grading:**

0-5

**Person responsible:**

Instructor from the University of Lapland

**Working life cooperation:**

None

**A113801: History, Basic Studies, 25 op**

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ayA113801 History, basic studies (OPEN UNI) 25.0 op

Ei opintojaksokuvauksia.

**A110902: History of Science and Ideas, intermediate studies, 45 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset****700150A: Antiquity and the Middle Ages, 5 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Urpilainen, Erkki Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup>-3<sup>rd</sup> year

**Learning outcomes:**

Students will be able to define the special characteristics of the history of science and ideas in antiquity and the Middle Ages. They will also be able to contextualise the ideological world of antiquity and the Middle Ages within their historical and social backgrounds.

**Contents:**

The History of Science and Ideas of antiquity and the Middle Ages

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

Two books of the following:

- a) Holger Thesleff & Juha Sihvola: Antiikin filosofia ja aatemaailma OR Ronny Ambjörnsson: Människors undran;
- b) Tuomas M.S. Lehtonen (toim.): Keskiajan kevät OR Vesa Hirvonen & Risto Saarinen (toim.): Keskiajan filosofia

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible

**Grading:**

0–5

**Person responsible:**

Erkki Urpilainen

**Working life cooperation:**

None

## 700226A: Bachelor's Seminar and Thesis, 10 op

**Voimassaolo:** 01.08.2009 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Urpilainen, Erkki Juhani

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

10

**Language of instruction:**

Finnish

**Timing:**

Second and third year. The seminar begins in the spring term (period III) and ends in the autumn term (period I).

**Learning outcomes:**

Upon completion of the course, students can apply the methods of the History of Science and Ideas and complete an independent research project, and are capable of criticizing and discussing historical research. The Candidate's Thesis demonstrates the student's capability to prepare essays, dissertations and seminar presentations that fill the methodological, language, and content requirements of the subject.

**Contents:**

The course will result in a completed, independently designed Bachelor's Thesis from the field of the History of Science and Ideas (approx. 20 pages).

**Mode of delivery:**

Contact teaching and personal guidance

**Learning activities and teaching methods:**

Regularly scheduled seminar meetings

**Target group:**

Students majoring in History of Science and Ideas

**Prerequisites and co-requisites:**

Intermediate study courses: *Qualitative Methods, Information Seeking, and Library Utilisation, Introduction to the History of Science and Ideas* and *Archival Research* either completed or started.

**Assessment methods and criteria:**

Active participation to the seminar meetings (at least 10 meetings); completing and presenting a Bachelor's Thesis; acting as an opponent to a fellow student's work; active participation in seminar meetings; and a learning diary.

**Grading:**

The Thesis and Seminar participation are graded on a scale of 0–5

**Person responsible:**

Erkki Urpilainen

**Working life cooperation:**

None

## 700167A: Courses in Related Fields of History of Science and Ideas, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Urpilainen, Erkki Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

1st-3rd year

**Learning outcomes:**

Upon completion of the course, students will have a deeper understanding of the contents and methods of one of the related fields of History of Science and Ideas specified below.

**Contents:**

Studies from the fields of History, The Languages and Culture of the Antiquity, Environmental Studies in the Humanities, Japanese Studies or Art History

**Mode of delivery:**

Independent study or contact teaching

**Learning activities and teaching methods:**

Lectures, literature, and essays as agreed with the teacher responsible

**Target group:**

Students majoring in History of Science and Ideas

**Recommended or required reading:**

See the study guide of your chosen field. Additional material can be agreed upon with the teacher responsible.

**Assessment methods and criteria:**

Lecture exam and/or book exam and/or essays

**Grading:**

0-5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

## 700123P: From Ancient Civilisations to the Late Modern Period, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Matti Enbuske

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700123P From Ancient Civilisations to the Early Modern Period (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year

**Learning outcomes:**

Upon completion of the course, students will be able to identify and compare the political, economic, and cultural aspects of different cultures, as well as the main developments of the pre-modern era. Students will be able to view Finland as a part of the Western European cultural circle.

**Contents:**

The course will present the main developments from the High Cultures to the French Revolution. Finnish history will be introduced as a part of the development of Western Europe

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and independent study of the course material or a book exam as a secondary option

**Target group:**

Students at the early stages of Basic Studies of History

**Recommended or required reading:**

It is also possible to complete the course as a book exam. Students can choose one of the following literature compilations:

1. Study of Antiquity (choose two of the books):

Simon Price & Peter Thoneman, *The Birth of Classical Europe: A History from Troy to Augustine* (2011), pp. 11–334.

Andrew Erskine (Ed.), *A Companion to Ancient History* (2009), chapters 2–4, 6–16, 27–36, 43–45.

Lukas de Blois, *An introduction to the ancient world*, London : Routledge, 1997.

2. Study of the Middle Ages, (choose both books):

Jacques Le Goff, *Medieval Civilization 400–1500* (1988 or newer).

Kari Tarkiainen, *Ruotsin Itämaa: Esihistoriasta Kustaa Vaasaan* (2010).

3. Study of the Early Modern Time (choose both books):

Merry E. Wiesner-Hanks, *Early Modern Europe, 1450–1789*, 2<sup>nd</sup> edition (2013).

Nils Erik Villstrand, *Valtakunnanosa: suurvalta ja valtakunnan hajoaminen 1560–1812* (2012).

**Assessment methods and criteria:**

Examination and/or book exam

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**Other information:**

The literature must be completed as a unit, and students must give a satisfactory answer to each question formulated from the books chosen for the exam.

**700153A: Global History of Ideas, 5 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Ari Helo

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> – 3<sup>rd</sup> year

**Learning outcomes:**

Students will be familiar with the main schools of intellectual history in the non-European regions such as Asia, Africa, and South America. Additionally, students will have developed skills to compare the various trends of thought all over the world with Western intellectual history, including comparison between the European and the American ideological differences.

**Contents:**

Students will familiarise themselves, for example, with Taoism and Buddhism and consider how they have influenced intellectual history in different Asian countries and elsewhere in the world. Other approaches might include comparisons between pan-African ideas and European nationalism or American social thought with that of European.

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

Jussi Pakkasvirta ja Pasi Saukkonen (red.): Nationalism; Manuel Castells: Networks of Outrage and Hope

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible

**Grading:**

0–5

**Person responsible:**

Ari Helo

**Working life cooperation:**

None

## 700158A: History of Academic Institutions and Scientific Societies, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Urpilainen, Erkki Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> – 3<sup>rd</sup> year

**Learning outcomes:**

Students will be able to describe the origins of the most central academic institutions (e.g. universities) and scientific societies as well as their development. They will also be able to identify how these institutions have shaped academic thinking at different times, and to evaluate the sociopolitical role of academic institutions and scientific societies.

**Contents:**

The history of academic institutions and scientific societies

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

Olaf Pedersen: The First Universities. Studium Generale and the Origins of University Education in Europe; Marja Jalava: The University in the Making of the Welfare State

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible

**Grading:**

0–5

**Person responsible:**

Erkki Urpilainen

**Working life cooperation:**

None

## 700157A: History of Religious Ideas, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Ari Helo

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> – 3<sup>rd</sup> year

**Learning outcomes:**

Students will be able to define and distinguish between the notions of deity, the sacred, and the meaning of life of different religions. The students will also be able to analyse the significance of religion in itself as well as in relation to the scientific world view.

**Contents:**

The histories and ideas of world religions and the methods of conceptualising religiousness

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

Ilkka Pyysiäinen: Jumalten keinu: kiertoajelu uskontotieteessä AND one of the following: Ninian Smart: Uskontojen maailma or Karen Armstrong: Jumalan historia (A History of God)

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible



**Grading:**

0–5

**Person responsible:**

Ari Helo

**Working life cooperation:**

None

**700155A: History of Science and Ideas in Finland, 5 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Urpilainen, Erkki Juhani**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**2<sup>nd</sup>–3<sup>rd</sup> year**Learning outcomes:**

Students will be able to define the special characteristics of the Finnish history of science and ideas. The students will also be able to analyse the Finnish ideological and scientific developments within their historical and social contexts.

**Contents:**

The History of Science and Ideas in Finland

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

Päiviö Tommila (red.): Suomen tieteen historia 1, sekä yksi osa sarjasta Tuomas M.S. Lehtonen & Timo Joutsivuo (red.): Suomen kulttuurihistoria

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible

**Grading:**

0–5

**Person responsible:**

Erkki Urpilainen

**Working life cooperation:**

None

**700156A: History of Science and Technology, 5 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Pietikäinen, Petteri Olli**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup>-3<sup>rd</sup> year

**Learning outcomes:**

Students will be able to familiarise with the main historical trends of science and technology from antiquity to the modern day. They will also be able to analyse the interaction between science, technology, and society.

**Contents:**

The History of Science and Technology

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

James E. McCellan III & Harold Dorn: Science and Technology in World History AND one of the following: Heikki Vuorinen: Taudit, parantajat ja parannettavat; George W. Stocking: Race, Culture, and Evolution. Essays in the History of Anthropology; Philip John Tyson, Dai Jones & Jonathan Elcock: Psychology in Social Context; Roger G. Newton: From Clockwork to Crapshoot: A History of Physics; Jonathan Conlin: Evolution and the Victorians: Science, Culture and Politics in Darwin's Britain

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible

**Grading:**

0-5

**Person responsible:**

Petteri Pietikäinen

**Working life cooperation:**

None

## 700127P: Introduction to Research Methods, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Oinas-Kukkonen, Henry Tapio

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700127P Introduction to Research Methods (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year

**Learning outcomes:**

Upon completion of the course, students will be able to read, analyse, and assess historical research by utilising the basic approaches and principles of the field; based on that, students will be able to formulate a summarised oral presentation and take part in discourse in the field of science of history. Students will be able to outline how

the research of history is conducted in practice. Students will also be familiar with the research process and the practices of the field. Students will develop their independent and group work skills, practice scientific writing and critical reading of scientific texts.

**Contents:**

The basics of research methods; familiarisation with the latest research

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures; literature; group sessions; assignment; oral presentation

**Target group:**

Students of Basic Studies of History

**Recommended optional programme components:**

Familiarisation with the latest research has been integrated into the compulsory Finnish course *Written and Oral Communication*.

**Recommended or required reading:**

Course material and reading assigned by the lecturer

**Assessment methods and criteria:**

The section *the basics of research methods* can include an exam.

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

## 700129A: Introduction to the History of Science and Ideas and Archival Research, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Pietikäinen, Petteri Olli

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> year

**Learning outcomes:**

Students will be able to identify and conceptualise the essentials of the history of science and ideas. In addition, students will become familiar with the methodological and theoretical basics of the field. They will also be able to locate various data sources (private and public, written and electronic, domestic and foreign), data collections, databases and archives. The students will be able to evaluate how to use the found material to solve their research question.

**Contents:**

The basic concepts and methods of the history of science and ideas. Insight into the developments in the history of the field. Location and usage of domestic and foreign sources.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures; exercises; and either working in small groups or studying independently

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

Completion of the Basic Studies courses *Introduction to the Study of History* and *From the Basics of Methodology to Their Application*

**Recommended optional programme components:**

The course includes also Statistical Methods and Archive Skills (course registration in WebOodi, code 700320A).

**Recommended or required reading:**

*Manuale Historiae – Historianopiskelijan käsikirja*, other material handed out by the lecturer

**Assessment methods and criteria:**

Active attendance; exercises; and individual project

**Grading:**

0–5

**Person responsible:**

Petteri Pietikäinen and Marianne Junila

**Working life cooperation:**

None

**700126P: Introduction to the Study of History, 5 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Tiina Kinnunen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700126P Introduction to the Study of History (AVOIN YO) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year, Autumn semester

**Learning outcomes:**

After the completion of the course, students will be able to understand the multifaceted use of history in society and its nature as an academic field. Students will be familiar with the developments of historiography, the current characteristics of research, different trends and key concepts as well as the use of sources and theories in research. Students will also be familiar with study and conducts of History as well as the aims and the structure of the programme. Students will be able to recognise their competence and relate it to the employment prospects of the field.

**Contents:**

The key characteristics of the use and research of History: History as a societal phenomenon, the basic concepts, research fields and theories of the research of history.

PSP1: A plan for completing the Bachelor's degree. The general study guidance is used to advance students' learning abilities, understanding of the studies, and the development of career planning. Does not apply to students minoring in History.

**Mode of delivery:**

Contact teaching and personal guidance

**Learning activities and teaching methods:**

Lecture course and study of the literature given at the lectures; meetings with the teacher tutor and PSP1 info sessions. Students minoring in History will complete a 1 ECTS credit assignment to replace the PSP1 during the lecture course.

**Target group:**

Students of Basic Studies of History

**Recommended or required reading:**

*Manuale historiae – Historian opiskelijan käsikirja*

**Assessment methods and criteria:**

Lecture examination, written personal study plan, and filling out the OodiPSP OR assignment

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

**Other information:**

Mandatory attendance (85%) and mandatory participation to the PSP guidance

**700124P: Late Modern and Contemporary History, 5 op**

Voimassaolo: 01.08.2015 -

**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Oinas-Kukkonen, Henry Tapio**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay700124P Late Modern and Contemporary History (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5

**Language of instruction:**

Finnish and/or English

**Timing:**1<sup>st</sup> year**Learning outcomes:**

Upon completion of the course, students will be able to name, describe, and explain the significant events and stages of Late Modern and Contemporary History. Students will be able to connect and compare events, and see the Finnish historical events as a part of world history.

**Contents:**

The course will present the central developments from the French Revolution to the present.

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and independent study of the course material or a book exam as a secondary option

**Target group:**

Students at the early stages of Basic Studies of History

**Recommended or required reading:**

*World Civilizations: The Global Experience, Volume 2: 1450 to the Present*, Seventh Edition (2014), Part V & VI AND

Jouko Vahtola, *Suomen historia jääkaudesta Euroopan unioniin* (2012), From the chapter "Nousun aika (1721-1860)" all appropriate sections and from the chapter "Uusi aika (1860-1944)" to the end of the book.

**Assessment methods and criteria:**

Examination and book exam; or book exam

**Grading:**

0-5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**Other information:**

The literature must be completed as a unit, and students must give a satisfactory answer to each question formulated from the books chosen for the exam.

**700224A: Maturity Test for Bachelor's Degree /History of Science and Ideas, 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/ Swedish (or native language)

**Timing:**

Third year, spring semester

**Learning outcomes:**

Students can write an essay, of high-level in content and language, in which they present the theoretical and methodological background and the central results of their thesis.

**Mode of delivery:**

Self study

**Learning activities and teaching methods:**

The Maturity Test can be written on a faculty exam date

**Target group:**

Students majoring in History of Science and Ideas

**Prerequisites and co-requisites:**

Submission and acceptance of a Candidate's Thesis required

**Assessment methods and criteria:**

An essay written in an exam setting

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

**Grading:**

Pass/fail

**Person responsible:**

A representative from the degree programme staff

**Working life cooperation:**

None

## 700103Y: 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:**

1<sup>st</sup> year

**Contents:**

Students create a plan for completing their Candidate's Theses. The plan is based on students' own employment ambitions in relation to their education.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Participation in information meetings and PSP meetings with teacher tutor, after which students plan and schedule their studies, using the PSP forms

**Target group:**

First year students majoring in History

**Prerequisites and co-requisites:**

Directly upon commencement of studies

**Recommended or required reading:**

None

**Assessment methods and criteria:**

Written study plan

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

**Grading:**

Pass

**Person responsible:**

Teacher tutor

**Working life cooperation:**

None

## 700104Y: 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:**

2<sup>nd</sup>-3<sup>rd</sup> year

**Contents:**

Students update and check their Personal Study Plan in regards to completing their BA.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Personal Study Plan meetings with teacher tutor and the instructor of the Candidate's Seminar

**Target group:**

Students majoring in History

**Prerequisites and co-requisites:**

Students are to take Personal Study Plan 2 when they begin to write their Candidate's Thesis

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Written study plan

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

**Grading:**

Pass

**Person responsible:**

Teacher tutor

**Working life cooperation:**

None

## 700214A: Pro Seminar and Thesis (Minor Studies), 10 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Urpilainen, Erkki Juhani

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

10

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> – 3<sup>rd</sup> year. The seminar starts at the beginning of the Spring semester, and the students will have time to complete it until the end of October.

**Learning outcomes:**

Students will be able to apply methods of the History of Science and Ideas, define a research question, and complete an independent research project. They will also be capable of criticising and discussing historical research. The Pro Seminar Thesis will demonstrate the student's capability to prepare essays, dissertations and seminar presentations that fill the methodological, language, and content requirements of the subject.

**Contents:**

The course will result in a completed, independently designed Pro Seminar Thesis from the field of the History of Science and Ideas (approx. 20 pages).

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Regular seminar meetings

**Target group:**

Students minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

Intermediate study courses: Qualitative Methods, Information Seeking, and Library Utilisation; Introduction to the History of Science and Ideas and Archival Research either completed or started.

**Assessment methods and criteria:**

Active participation to the seminar meetings (at least 10 meetings); completing and presenting a Pro Seminar Thesis; acting as an opponent to a fellow student's work; active participation in seminar meetings; and a learning diary.

**Grading:**

0–5

**Person responsible:**

Erkki Urpilainen

**Working life cooperation:**

None

## 700128A: Qualitative Methods, Information Seeking, and Library Utilisation, 5 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:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> year

**Learning outcomes:**

Upon completion of the course, students will be familiar with the qualitative methods used in the research of history, they will be able to apply these methods in a small-scale research project. They will also know the basic principles of a research process and the basics of scientific discourse. The students will be able to independently



search for research material by using the most important databases and reference management programmes used in their field of study.

**Contents:**

Lectures, *praktikum 1* (analysis of research literature and seminar), *praktikum 2* (drafting of a research project as a group exercise and seminar), and information seeking (formulating a research topic and conceptualising it into search terms, getting acquainted with the most important databases and other sources of information, search techniques, and result analysis, as well as with the utilisation of a reference management programme).

**Mode of delivery:**

Contact teaching and online course

**Learning activities and teaching methods:**

Lectures; online course; independent study; group project

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Prerequisites and co-requisites:**

Completion of the Basic Studies courses *Introduction to the Study of History* and *From the Basics of Methodology to Their Application*

**Recommended or required reading:**

*Manuale Historiae – Historianopiskelijan käsikirja*

**Assessment methods and criteria:**

Written and oral exercises

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

## 700154A: The Development of the Western Idea of Humans, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Ari Helo

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup>-3<sup>rd</sup> year

**Learning outcomes:**

Students will be able evaluate how academic theories, social ideals, and cultural beliefs and various preconceptions have affected the Western understanding of man and woman. Students will also be able conceptualise the changing ideas of humanity and the influence of these ideas on science and other intellectual developments. Additionally, students will be able analyse the relationships between such concepts as the individual, society, and ideology.

**Contents:**

Historical developments influencing the western ideas of humans

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

Charles Taylor: Sources of the Self

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible

**Grading:**

0–5

**Person responsible:**

Ari Helo

**Working life cooperation:**

None

**700125P: The History of Sciences and Ideas, 5 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kallinen, Maija Sinikka

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700125P The History of Sciences and Ideas (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year

**Learning outcomes:**

Upon completion of the course, students will be able to describe the main developments of scientific thinking from the antiquity to the present. Students will understand the breakthroughs of scientific thinking and their significance to world views. Students will be able to locate the social requirements of sciences, the changes of the relationship between humanity and nature, and the definition of scientific rationality. Students will also be able to illustrate the developments of the ideas rationalising society, government, politics, and social movements from the antiquity to the present.

**Contents:**

The history of scientific and political ideas from the antiquity to the present

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and independent study of the course material; or book exam

**Target group:**

Students of Basic Studies of History

**Recommended or required reading:**

Lectures and lecture material handed out OR book exam: Sven-Erik Liedman, *Från Platon till Kommunismens fall* (1999) AND Peter Whitfield, *Landmarks in Western Science* (1999)

**Assessment methods and criteria:**

Examination and/or book exam

**Grading:**

0–5

**Person responsible:**

Maija Kallinen

**Working life cooperation:**

None

**Other information:**

The literature must be completed as a unit, and students must give a satisfactory answer to each question formulated from the books chosen for the exam.

## 700152A: The Modern Era, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Urpilainen, Erkki Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup>-3<sup>rd</sup> year

**Learning outcomes:**

Students will be able to define the special characteristics of the history of science and ideas over the past 200 years. They will also be able to contextualise the ideological world of the time within its historical and social background.

**Contents:**

The History of Science and Ideas from the 19<sup>th</sup> to the 20<sup>th</sup> century

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

Gunnar Eriksson: Västerlandets idéhistoria 1800-1950; Nils Runeby (red.): Framstegets arvtagare

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

**Working life cooperation:**

None

## 700151A: The Renaissance and the Enlightenment, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Urpilainen, Erkki Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup>-3<sup>rd</sup> year

**Learning outcomes:**

Students will be able to define the special characteristics of the history of science and ideas of the Renaissance and the Enlightenment. Students will also be able to analyse the intellectual developments of the Renaissance and the Enlightenment era within their relevant historical and social contexts.

**Contents:**

The history of science and ideas of the Renaissance and the Enlightenment.

**Mode of delivery:**

Contact teaching and/or independent study

**Learning activities and teaching methods:**

Lectures and/or book exam

**Target group:**

Students majoring and minoring in the History of Science and Ideas

**Recommended or required reading:**

Timo Joutsivuo & Heikki Mikkeli (toim.): *Renessanssin tiede*; John Henry: *The scientific revolution and the origins of modern science*; Jonathan Israel: *A revolution of the mind*

**Assessment methods and criteria:**

Examination and/or book exam, or some other way of completion agreed with the person responsible

**Grading:**

0–5

**Person responsible:**

Erkki Urpilainen

**Working life cooperation:**

None

## 700223S: Work Training, 6 - 12 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.