

# Opasraportti

## HuTK - History of Science and Ideas 2009-2011 (2009 - 2011)

### History of Science and Ideas

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### History of Science and Ideas

History of Science and Ideas focuses on the history of thinking, but also on the history of the acquisition of human knowledge. The Finnish name of the subject is a translation from the Swedish "idé- och lärdomshistoria". In Europe and the USA, corresponding areas of study usually belong to the sphere of History of Science. As a term, History of Science and Ideas reminds us of the fact that there exist certain kinds of continuums between scientific and non-scientific thinking as well.

History of Science delves into the question of how the idea of science has changed in the course of time. In many cases the emphasis is placed on natural sciences and medicine, but it is also perfectly relevant to analyse the history of various fields in the humanities. History of Science extends beyond the history of theories: it also studies the methods used to acquire scientific knowledge as well as the nature of and criteria for scientific information in different times.

History of Science covers a range of special areas that usually concentrate on a certain methodological aspect or research problem, or on the history of a specific era, discipline or technology. The subject also covers for example the study of old, scientific instruments and the study of interaction between the institutional structures of science and scientific knowledge in different times. Just as it is not possible to study ideas apart from the world they are generated in and have an influence on, it is not possible to regard science as something that is not connected to society outside academies and laboratories. Science is a reflection of its time.

Usually, the study of history involves an interest in what has happened in the past and why. Although event history has its significance in History of Science and Ideas as well, the primary goal is to find out what people of different times have thought about the things and events in their lives. In other words, History of Science and Ideas delves into the beliefs, hopes and fears of the people of the past - their ideas of society, nature and its functions. Furthermore, History of Ideas also covers various ideologies, concepts and "isms". In addition to scientific thinking, such phenomena are subject to analysis in terms of economy, politics and religion as well.

History of Ideas resembles History of Philosophy. Both disciplines are often interested in the same thinkers of the past. However, there are differences as well. In Philosophy, it is important to evaluate the reasoning behind a line of thought. On the other hand, from the viewpoint of History of Ideas, what is of special interest is what the thought reveals about one's world. In addition to "great" geniuses, History of Ideas also pays attention to so-called mediocre thinkers. In the history of scholarship, they form the majority.

### Admission requirements and commencement of studies

History of Science and Ideas may be taken as a major subject by anyone who has passed the entrance examination. It may be taken as a minor subject by anyone registered as an attending student of the university.

### Study guidance

Study guidance is provided by University Lecturer Erkki Urpilainen, tel. +358-8-553 3305, Erkki.Urpilainen@oulu.fi.

## Courses at different levels

### *Basic Studies in History 25 credits (for majoring students)*

1. PSP Personal Study Plan 1 0 credits
2. Introduction to World History 6 credits
  - a) 700091P Introduction to World History I 3 credits
  - b) 700092P Introduction to World History II 3 credits
3. Finnish and Scandinavian History 6 credits
  - a) 700093P Introduction to Finnish History 4 credits
  - b) 700094P Finnish History of Science and Ideas 2 credits
4. History of Ideas and Sciences 6 credits
  - a) 700095P Sciences and the Evolution of World Views 3 credits
  - b) 700096P History of Political and Social Ideas 3 credits
5. Basic Studies in Historical Methods 7 credits
  - a) 700097P Critical Reading 2 credits
  - b) 700098P Introduction to Methodology 3 credits
  - c) 700099P Historiography 2 credits

### *Basic Studies 25 credits (for minoring students)*

1. Introduction to the Methodology of History 5 credits
  - a) 700098P Introduction to Methodology 3 credits
  - b) 700099P Historiography 2 credits
2. 700095P Sciences and the Evolution of World Views 3 credits
3. 700096P History of Political and Social Ideas 3 credits
4. 700094P Finnish History of Science and Ideas 4 credits
5. 700200P Relation between Science and Religion 2 credits
6. 700201P History of Religious Ideas 3 credits
7. 700202P Global Approach to the History of Ideas 3 credits
8. 700203P Cultural History 2 credits

### *Intermediate Studies 45 credits*

PSP - Personal Study Plan 0 credits

1. Introduction to Research Practices 11 credits
  - a) 700204A Introduction to Archival Research 2 credits
  - b) 700300A Library Course 1 credits
  - c) 700400A Advanced Course in Methodology 2 credits
  - d) 700401A Exercise Course in Methodology 3 credits
  - e) 700205A Special Nature of History of Science and Ideas 3 credits

Items 2 and 3: choose four courses (3 credits) from both.

#### 2. Different Eras

- a) 700206A Antiquity 3 credits
- b) 700207A The Middle Ages 3 credits
- c) 700208A The Renaissance and the Scientific Revolution 3 credits
- d) 700209A Enlightenment and Romanticism 3 credits
- e) 700210A Elements of the Modern World View 3 credits

#### 3. Introduction to Special Fields

- a) 700211A Finnish History of Science and Ideas 3 credits
- b) 700212A History of Technology 3 credits
- c) 700213A History of an Optional Branch of Science 3 credits

#### 4. Courses in the Subject of History 12 credits (4x3 credits)

5. 700226A B.A. Thesis and B.A. Seminar 10 credits
5. 700214A Proseminar (*for minoring students*) 9 credits

6. 700224A Maturity Test 0 credits (*for majoring students only*)

#### *Advanced Studies 80 credits*

PSP -Personal Study Plan 0 credits

1. Methodological and Theoretical Studies 13 credits

a) 700215S Methodology in History of Science and Ideas 3 credits

b) 700216S Special Course in Methodology 6 credits

c) 700217S Science Studies 4 credits

2. Specialization Studies 17 credits

a) 700218S History of Philosophy 5 credits

b) 700219S History of Sciences and Technology 4 credits

c) 700220S Individual Research Topic 8 credits

3. 700221S Seminar 10 credits

4. 700222S M.A. Thesis 40 credits

5. 700225S Maturity Test for Master's Degree 0 credits (*for majoring students only*)

700223S Training

(The extent of training included in the studies may vary between 6 and 12 credits. Training is a study unit of its own, which is not included in the studies of the subject. Training may include assistance in research projects, work in the media, archives or museums, various administrative work, participation in scientific meetings, etc.)

### **Learning Objectives**

After completing the Basic Studies, students will have the knowledge, skills and conceptual abilities to critically analyse the history of human thought and information acquisition and studies related to it. They will have understood the mode of thinking, the distinctive scientific features and the various approaches of the History of Science and Ideas.

After completing the Intermediate Studies, students will have a multifaceted view on the methods, approaches and source materials of the History of Science and Ideas. They will also have an understanding of the nature of research questions and the breadth of this research field. In addition, students will be familiar with the most important research traditions, methodological trends and the theoretical background of the methods in the History of Science and Ideas.

With reference to the master studies, students will have the skills to present and solve problems scientifically, to use existing information and sources, to document information, to propose arguments and critique and to participate in scientific dialogue. The students will be able to plan and produce small treatises, presentations and other oral or written works which are based on their own expertise and effort as well as on applying scientific information and research.

After completing the Advanced Studies, students will be able to plan and carry out complex projects which require finding and using information. They will also have the abilities to produce scientific information. They will be able to work independently and ethically in demanding analytical and creative projects. They will also be capable of acting as experts in various groups and communities. They will have the skills to critically analyse different source materials and statements. In addition, they will have the skills to present the results of the research process coherently in written format. They will know and be able to implement the most important research methods of this research field. They will be accustomed to using the concepts of the History of Science and Ideas. Furthermore, they will have the ability to use the theoretical tools and the methods from other fields of study. The students will have formed an idea of the diversity of studies in this field and will be able to place their own research subjects into a wider scientific context. The students will be able to stay in touch with the scientific issues in their field of study independently.

## Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

700400A: Advanced Course in Methodology, 2 op  
 700206A: Antiquity, 3 op  
 700226A: Bachelor's Seminar and Thesis, 10 op  
 700097P: Critical Reading, 2 op  
 700203P: Cultural history, 2 op  
 700210A: Elements of the Modern World View, 3 op  
 700401A: Exercise Course in Methodology, 3 op  
 700211A: Finnish History of Science and Ideas, 3 op  
 700094P: Finnish History of Science and Ideas, 2 op  
 700202P: Global Approach to the History of Ideas, 3 op  
 700099P: Historiography, 2 op  
 700213A: History of Different Branches of Science, 3 op  
 700218S: History of Philosophy, 4 - 5 op  
 700096P: History of Political and Social Ideas, 3 op  
 700201P: History of Religious Ideas, 3 op  
 700219S: History of Sciences and Technology, 4 - 5 op  
 700212A: History of Technology, 3 op  
 700220S: Individual Research Topic, 8 - 10 op  
 700091P: Introduction to World History I, 3 op  
 700092P: Introduction to World History II, 3 op  
 700204A: Introduction to Archival Research, 2 op  
 700093P: Introduction to Finnish History, 4 op  
 700098P: Introduction to Methodology, 3 op  
 700300A: Library Course, 1 op  
 700222S: Master's Thesis, 40 op  
 700224A: Maturity Test for Bachelor's Degree /History of Science and Ideas, 0 op  
 700225S: Maturity Test for Master's Degree / History of Science and Ideas, 0 op  
 700215S: Methodology in History of Science and Ideas, 3 op  
 700103Y: Personal Study Plan 1 (Bachelor's degree), 0 op  
 700104Y: Personal Study Plan 2 (Bachelor's degree), 0 op  
 700227Y: Personal Study Plan 3 (Master's degree), 0 op  
 700214A: Proseminar (for minoring students), 10 op  
 700200P: Relation Between Science and Religion, 2 op  
 700217S: Science Studies, 4 op  
 700095P: Sciences and the Evolution of World Views, 3 op  
 700221S: Seminar, 10 op  
 700216S: Special Course in Methodology, 3 - 6 op  
 700205A: Special Nature of History of Science and Ideas, 3 op  
 700209A: The Enlightenment and Romanticism, 3 op  
 700207A: The Middle Ages, 2 - 3 op  
 700208A: The Renaissance and the Scientific Revolution, 3 op  
 700223S: Work Training, 6 - 12 op

## Opintojaksojen kuvaukset

## Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

## 700400A: Advanced Course in Methodology, 2 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

2nd year

**Learning outcomes:**

Upon completing the course, the student will be able to recognize various problems involved in the research process and criteria for theses in the field of History. He/she will also be able to participate actively and critically in scientific discussion.

**Learning activities and teaching methods:**

Lectures and exercises

**Recommended optional programme components:**

This course can only be taken after passing the following Basic Studies courses: Introduction to Methodology, Critical Reading and Historiography.

**Recommended or required reading:**

Manuale historiae - Historian (opiskelijan) käsikirja (in Finnish)

**Assessment methods and criteria:**

Practical exercises and written examination

**Grading:**

Pass/fail

**Person responsible:**

Henry Oinas-Kukkonen

## 700206A: Antiquity, 3 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to define the special features of the History of Science and Ideas of Antiquity and analyze the world of ideas of Antiquity in its historical and social context.

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Either of the following: Ronny Ambjörnsson: Människors undran. Europas idéhistoria. Antiken; Holger Thesleff - Juha Sihvola: Antiikin filosofia ja aatemaailma.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

## 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 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

Upon completing the course, the student will be able to apply the methodology of History of Science and Ideas, define a selected research task, carry out independent research, and participate in critical historical discussion.

**Contents:**

Writing of a B.A. Thesis, acting as an opponent, and participation in general discussion.

**Learning activities and teaching methods:**

Active participation in seminars for the whole academic year, including the writing and presentation of a B.A. Thesis and the task of acting as an opponent.

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

## 700097P: Critical Reading, 2 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Salo, Matti Tapani

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700097P Critical Reading (OPEN UNI) 2.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

The student will be familiar with the main features of historical thinking, presenting, discussion and criticism. Through exemplary literature, the student will acquire a general idea of how historical research is conducted in practice.

**Contents:**

Seminar workshop

**Learning activities and teaching methods:**

Students will divide into thematical groups. Each student will choose one historical study and contemplate how it has been implemented, and presents his/her findings in a concise lecture (20 min.), which is followed by a group discussion.

**Assessment methods and criteria:**

Oral presentations and group discussions.

**Grading:**

Pass/fail

**Person responsible:**

Matti Salo

**Other information:**

Regular attendance (80%) compulsory.

## 700203P: Cultural history, 2 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700203P Cultural history 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to recognize the basic elements of the history of a specified cultural topic.

**Contents:**

History of a specified cultural topic

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

One of the following: Pulkkinen: Sudenluusta supertietokoneeseen; Huizinga: Keskiajan syksy; Ginzburg: Juusto ja madot; Schivelbusch: Junamatkan historia; Valerie Allen: On Farting.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Niina Timosaari

## 700210A: Elements of the Modern World View, 3 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to evaluate various key elements of the modern world view and analyze the modern world of ideas in its historical and social context.

**Contents:**

History of Science and Ideas of the 1800's and 1900's

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty of History Sciences

**Recommended or required reading:**

Eriksson: Västerlandets idéhistoria 1800-1950 (pp. 65-367); a selection of texts from Runeby (ed.): Framstegets arvtagare. Europas idéhistoria. 1900-talet.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

## 700401A: Exercise Course in Methodology, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd year

**Learning outcomes:**

Upon completing the course, the student will be able to solve problems involved in the research process, meet in practice the criteria for theses and act as an opponent and a respondent.

**Learning activities and teaching methods:**

Practical exercises

**Recommended optional programme components:**

This course can only be taken after passing the following Basic Studies courses: Introduction to Methodology, Critical Reading and Historiography.

**Recommended or required reading:**

To be handed out during the course.

**Grading:**

Pass/fail

**Person responsible:**

Henry Oinas-Kukkonen

## 700211A: Finnish History of Science and Ideas, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Jarmo Pulkkinen

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will have an idea of the History of Science and Scholarship in Finland.

**Contents:**

Advanced insight into Finnish History of Science and Ideas

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty of History Sciences

**Recommended or required reading:**

One of the following:

- Päiviö Tommila (ed.): Suomen tieteen historia 1, pp. 100-494
- Selection of articles (450 pages) from Päiviö Tommila (ed.): Suomen tieteen historia 2-4
- Tuomas M.S. Lehtonen & Timo Joutsivuo (eds.): Suomen kulttuurihistoria I-IV (one volume)
- Literature as agreed

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Jarmo Pulkkinen

## 700094P: Finnish History of Science and Ideas, 2 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Jarmo Pulkkinen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700094P Finnish History of Science and Ideas (OPEN UNI) 2.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to describe the key developments in the history of science and scholarship in Finland as well as recognize the basic elements of our scholarly heritage along with its manifestations in various areas.

**Contents:**

History of science and ideas in Finland

**Learning activities and teaching methods:**

Lectures or literature examination on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Either Tuomas M.S. Lehtonen (ed.): Suomi - outo pohjoinen maa? or Juha Manninen: Valistus ja kansallinen identiteetti

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Jarmo Pulkkinen

**700202P: Global Approach to the History of Ideas, 3 op**

**Voimassaolo:** 01.08.2005 - 31.07.2015

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700202P Global Approach to the History of Ideas (OPEN UNI) 3.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to recognize the basic features of the Asian, American and African History of Ideas.

**Contents:**

Asian, American and African History of Ideas

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Mohammad Fazlhashemi (ed.): Vidgade vyer.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Niina Timosaari

**700099P: Historiography, 2 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Fält, Olavi Kaarlo

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700099P Historiography (OPEN UNI) 2.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

Upon completing the course, the student will be familiar with the key developments in Western Historiography and their relation to the non-Western tradition of Historiography.

**Learning activities and teaching methods:**

Lectures or literature

**Recommended or required reading:**

Päivi Setälä, Pekka Suvanto & Matti Viikari (eds.), Historiankirjoituksen historia (1984): pp. 7-141, 153-226, 252-332 and 366-377.

**Assessment methods and criteria:**

Written examination or literature examination.

**Grading:**

0-5

**Person responsible:**

Olavi K. Fält

**700213A: History of Different Branches of Science, 3 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**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be familiar with the history of a selected branch of science.

**Contents:**

Insight into the history of a selected branch of science

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

One of the following: Pulkkinen: Sudenluusta supertietokoneeseen; Hudson: Suurin tiede; Morton: Kasvitieteen historia; Karttunen: Vanhin tiede. Tähtitiedettä kivikaudesta kuulentoihin; or literature as agreed

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

**700218S: History of Philosophy, 4 - 5 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to describe the main lines of development in the history of philosophical thinking and understand various key issues in the Western history of philosophy.

**Contents:**

An insight into the Western history of philosophy

**Learning activities and teaching methods:**

Book exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Svante Nordin: Filosofian historia. In case this book has been included in a course already taken by the student, literature will be agreed upon separately.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

## 700096P: History of Political and Social Ideas, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Jarmo Pulkkinen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700096P History of Political and Social Ideas (OPEN UNI) 3.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to describe the key developments in thinking about society, the state, politics and social movements, from Antiquity to the present.

**Contents:**

History of political and social ideas from Antiquity to the present.

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences.

**Recommended or required reading:**

Sven-Erik Liedman: Från Platon till kommunismens fall

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Jarmo Pulkkinen

## 700201P: History of Religious Ideas, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700201P History of Religious Ideas (OPEN UNI) 3.0 op

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to define the ideas of God and their development in Judaism, Christianity and Islam.

**Contents:**

Ideas and history of world religions

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Karen Armstrong: Jumalan historia

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Niina Timosaari

## 700219S: History of Sciences and Technology, 4 - 5 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

4 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to participate in discussion on the history of sciences and technology as well as on corresponding research traditions.

**Contents:**

An advanced insight into the history of sciences and technology

**Learning activities and teaching methods:**

Book exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

One of the following:

- Companion to the history of modern science (pp. 5-126, 201-557 and 763-1044)
- Handbook of science and technology studies (pp. 1-315 and 389-670)
- Hughes: Rescuing Prometheus, and Handbook of science and technology studies (pp. 111-315)
- literature as agreed upon separately

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

## 700212A: History of Technology, 3 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to evaluate the history of technology from Antiquity to the present, and analyze the interaction between society and technology.

**Contents:**

History of technology from Antiquity to the present

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Bosse Sundin: Teknologia ja ihminen (pp. 1-71), and Thomas J. Misa: Leonardo. Technology & culture from the renaissance to the present.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

## 700220S: Individual Research Topic, 8 - 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

8 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to analyze various issues related to the field of his/her Master's thesis.

**Learning activities and teaching methods:**

Book exam on the examination day of the Faculty of History Sciences

**Recommended or required reading:**

To be agreed on separately

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

**700091P: Introduction to World History I, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700091P Introduction to World History I (OPEN UNI) 3.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

Upon completion of this course, the student will be able to name, describe and explain the major phases of historical development of the Antiquity and the Middle Ages.

**Learning activities and teaching methods:**

A series of lectures and literature.

**Recommended or required reading:**

Maailmanhistorian pikkujättiläinen (edition 2006); pp. 7-493. Additional reading: Bo Pederby & Robert Sandberg, Historian Kartasto (edited in Finnish by Jukka Vahtola, Otava 1997).

**Assessment methods and criteria:**

Written exam and literature exam, or only literature exam.

**Grading:**

0-5

**Person responsible:**

Marianne Junila

**700092P: Introduction to World History II, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700092P Introduction to World History II (OPEN UNI) 3.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

Upon completion of this course, the student will be able to name, describe and explain major phases of historical development in modern history.

**Learning activities and teaching methods:**

A series of lectures and literature

**Recommended or required reading:**

Maailmanhistorian pikkujättiläinen (edition 2006); pp. 494-1119. Additional reading: Bo Pederby & Robert Sandberg, Historian Kartasto (edited in Finnish by Jukka Vahtola, Otava 1997)

**Assessment methods and criteria:**

Written exam and literature exam, or only literature exam

**Grading:**

0-5

**Person responsible:**

Henry Oinas-Kukkonen

## 700204A: Introduction to Archival Research, 2 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Marianne Junila

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

2nd year

**Learning outcomes:**

Upon completing the course, the student will be able to localize various materials, order them for reading, and write corresponding references in accordance with the practices of History Sciences.

**Contents:**

The student will familiarize himself/herself with various reference types, domestic and foreign source collections, databases and archives, and learns to find independently information required to solve a research problem.

**Learning activities and teaching methods:**

Lectures, visits to archives and individual assignments.

**Target group:**

Students with History of Science and Ideas or History as a major or minor subject.

**Recommended optional programme components:**

This course can only be taken after passing the following Basic Studies courses: Introduction to Methodology, Critical Reading and Historiography.

**Recommended or required reading:**

Handout and exercises.

**Assessment methods and criteria:**

Written exam and exercises.

**Grading:**

0-5

**Person responsible:**

Marianne Junila

**Other information:**

In cooperation with Oulu Provincial Archive.

## 700093P: Introduction to Finnish History, 4 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Vahtola, Jouko Olavi

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700093P Introduction to Finnish History (OPEN UNI) 4.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

4 credits

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

To master the basics of Finnish history, the key epochs, developments, turning points and special characteristics of the different periods in history.

**Learning activities and teaching methods:**

A series of lectures and literature.

**Recommended or required reading:**

Jouko Vahtola, Suomen historia. Jääkaudesta Euroopan unioniin (Otava 2003, or later edition)

**Assessment methods and criteria:**

Written exam and literature exam, or only literature exam.

**Grading:**

0-5

**Person responsible:**

Jouko Vahtola

## 700098P: Introduction to Methodology, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700098P Introduction to Methodology (OPEN UNI) 3.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

Upon completing the course, the student will be familiar with the basic concepts and methods of history.

**Learning activities and teaching methods:**

Lectures and practical exercises. The course also includes a minor assignment on a problem in the methodology of history.

**Recommended or required reading:**

Additional reading: Jussi T. Lappalainen, Haluatko historiankirjoittajaksi? (SKS 2002. 203 pp).

**Assessment methods and criteria:**

Lectures and exercises

**Grading:**

0-5

**Person responsible:**

Henry Oinas-Kukkonen

## 700300A: Library Course, 1 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1 credit

**Language of instruction:**

Finnish

**Timing:**

2nd year

**Learning outcomes:**

An information literate student:

He/she is able to recognize the various types of information sources and understands how their use and meaning depend on e.g. discipline. He/she is able to access information effectively by selecting the most suitable information retrieval systems and using effective search strategies. He/she is able to evaluate information critically and incorporate it into his/her own knowledge base and set of values. He/she is able to use information effectively, either alone or as a member of a group, to reach a certain goal. He/she is able to understand several economic, legal and social questions related to the use of information.

**Learning activities and teaching methods:**

Series of lectures and exercises

**Recommended optional programme components:**

This course can only be taken after passing the following basic studies courses: Introduction to Historical Methods, Critical Reading and Historiography.

**Assessment methods and criteria:**

Written exam and exercises.

**Grading:**

Pass/fail

**Person responsible:**

Teaching is provided by the Pegasus Library which is a part of the library system of the University of Oulu.

## 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 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to carry out research independently.

**Learning activities and teaching methods:**

Individual thesis, about 70-90 pages

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

### **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 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

The student proves his/her knowledge of the field of his/her thesis along with his/her language skills in a selected language.

**Learning activities and teaching methods:**

An essay written on the examination day of the Faculty or History Sciences

**Assessment methods and criteria:**

Written exam

**Grading:**

Pass/fail

**Person responsible:**

The linguistic form of the essay is evaluated by a language instructor (Finnish/Swedish), whereas its content is evaluated by an instructor specializing in History of Science and Ideas.

### **700225S: Maturity Test for Master's Degree / History of Science and Ideas, 0 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

0 op

**Language of instruction:**

Finnish

**Learning outcomes:**

The student proves his/her knowledge of the field of his/her thesis along with his/her language skills in a selected language.

**Learning activities and teaching methods:**

One-page abstract of the M.A. Thesis

**Assessment methods and criteria:**

Written abstract

**Grading:**

Pass/fail

**Person responsible:**

Maija Kallinen

**700215S: Methodology in History of Science and Ideas, 3 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will have an idea of various theoretical and methodological issues in History of Science and Ideas.

**Contents:**

An insight into various methodological issues in History of Science and Ideas.

**Learning activities and teaching methods:**

Seminar, or book exam on the examination day of the Faculty of History Sciences

**Recommended or required reading:**

Helge Kragh: Introduction to the Historiography of Science and Hyrkkänen: Aatehistorian mieli

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

**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 credits

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

The student will have a study plan leading to graduation, which is based on his/her own (employment) objectives in relation to his/her education.

**Learning activities and teaching methods:**

PSP meetings with a tutor, after which the student will plan and schedule his/her individual study path using designated PSP forms.

**Target group:**

First-year students

**Recommended optional programme components:**

At the very beginning of studies

**Assessment methods and criteria:**

Written study plan

**Grading:**

Pass

**Person responsible:**

History tutors Reija Satokangas and Erkki Urpilainen

**Other information:**

The PSP for is available on the Web

## 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 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

The student will have a study plan leading to graduation, which is based on his/her own (employment) objectives in relation to his/her education.

**Learning activities and teaching methods:**

PSP meetings with a tutor, after which the student will plan and schedule his/her individual study path using designated PSP forms.

**Recommended optional programme components:**

When beginning to write the Bachelor's thesis.

**Assessment methods and criteria:**

A written study plan.

**Grading:**

Pass

**Person responsible:**

Tutors and BA seminar instructors.

**Other information:**

The PSP form is available on the Web.

## 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 credits

**Language of instruction:**

Finnish

**Timing:**

Right after completion of the B.A. Degree

**Learning outcomes:**

The student will have a study plan leading to graduation, which is based on his/her own (employment) objectives in relation to his/her education.

**Learning activities and teaching methods:**

PSP meetings with the Professor of History of Science and Ideas.

**Assessment methods and criteria:**

Written study plan

**Grading:**

Pass

**Person responsible:**

Maija Kallinen

**Other information:**

The PSP form is available on the Web.

## **700214A: Proseminar (for minoring students), 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:**

9 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

Upon completing the course, the student will be familiar with all parts of the research process. He/she will prepare a minor individual thesis, during which he/she will learn various methodological and technical skills required during his/her later studies. The student will have the ability to write essays, theses and seminar presentations in accordance with the methodological, linguistic, scientific and technical requirements of the subject.

**Learning activities and teaching methods:**

Seminar

**Target group:**

Minoring students

**Recommended optional programme components:**

Introduction to Research Practices

**Assessment methods and criteria:**

Active participation in Proseminar (a total of 5 sessions), writing and presentation of a thesis (15-20 pages), and the task of acting as an opponent.

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

## **700200P: Relation Between Science and Religion, 2 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700200P Relation Between Science and Religion (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to describe the relation between science and religion from the Middle Ages to the present, especially in Western culture.

**Contents:**

History of the interaction between science and religion

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Kjell Jonsson: Harmoni eller konflikt?

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Niina Timosaari

## 700217S: Science Studies, 4 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

4 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will have an understanding of various special features of Science Studies, will be able to recognize various approaches within the field as well as understand special terminology used in Science Studies.

**Contents:**

An insight into various issues in Science Studies.

**Learning activities and teaching methods:**

Series of lectures, web-based course or book exam on the examination day of the Faculty or History Sciences.

**Recommended or required reading:**

Mika Kiikeri & Petri Ylikoski: Tiede tutkimuskohteena, and Harry Collins & Trevor Pinch: The golem - what everyone should know about science.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

**700095P: Sciences and the Evolution of World Views, 3 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Kallinen, Maija Sinikka**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay700095P Sciences and the Evolution of World Views (OPEN UNI) 3.0 op

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

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to describe the key developments in scientific thinking from Antiquity to the present. He/she will be familiar with the greatest revolutions in scientific thinking, understanding their importance from the viewpoint of world views. The student will also be able to pinpoint various social conditions for science, changes in man's relationship to nature and the concept of scientific rationality.

**Contents:**

History of scientific thinking from Antiquity to the present

**Learning activities and teaching methods:**

Web course (limited participation) or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Peter Whitfield: Landmarks in Western Science

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

**700221S: 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 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to carry out research and participate in scientific discussion.

**Learning activities and teaching methods:**

Active participation in seminar until the thesis has been completed, for the minimum of two semesters. In seminar, each participant is expected to present 1) his/her own research plan, 2) the disposition, introduction and a main chapter of his/her M.A. thesis, and 3) the completed thesis. In addition, each student will act as an opponent twice (items 2 and 3) and will keep a seminar diary on the sessions he/she participates in.

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

**700216S: Special Course in Methodology, 3 - 6 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

6 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will have an idea of various theoretical and methodological issues in History of Science and Ideas. He/she will also have various special skills required in scientific research.

**Contents:**

An insight into various methodological issues in History of Science and Ideas.

**Learning activities and teaching methods:**

Courses available include e.g. The World of Methods, Paleography or an elementary course in Latin.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Maija Kallinen

**700205A: Special Nature of History of Science and Ideas, 3 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd year

**Learning outcomes:**

Upon completing the course, the student will understand various methodological and theoretical special features in History of Science and Ideas.

**Contents:**

Familiarization with the methodology of research in History of Science and Ideas.

**Learning activities and teaching methods:**

Literature seminar

**Grading:**

Pass/fail

**Person responsible:**

Erkki Urpilainen

## 700209A: The Enlightenment and Romanticism, 3 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to define various special features of the History of Science and Ideas of the Enlightenment and Romanticism, and analyze the worlds of ideas of the Enlightenment and Romanticism in their historical and social contexts.

**Contents:**

History of Science and Ideas of the Enlightenment and Romanticism

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty or History Sciences

**Recommended or required reading:**

Roy Porter: Enlightenment: Britain and the creation of the modern world (pp. 1-275) and Gunnar Eriksson: Västerlandets idéhistoria 1800-1950 (pp. 11-64).

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

## 700207A: The Middle Ages, 2 - 3 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

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will be able to define the special features of the History of Science and Ideas of the Middle Ages and contextualize the world of ideas of the Middle Ages into its historical and social background.

**Contents:**

History of Science and Ideas of the Middle Ages

**Learning activities and teaching methods:**

Lectures or literature exam on the examination day of the Faculty of History Sciences

**Recommended or required reading:**

Either of the following: Tuomas M. S. Lehtonen (ed.): Keskiajan kevät, Hirvonen & Saarinen (eds.): Keskiajan historia.

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

**700208A: The Renaissance and the Scientific Revolution, 3 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**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completing the course, the student will understand various special features of the History of Science and Ideas of the 1500's and 1600's along with corresponding scientific revolutions, and will be able to analyze the world of ideas of these centuries in its historical and social context.

**Contents:**

History of Science and Ideas of the 1500's and 1600's

**Learning activities and teaching methods:**

History of Science and Ideas of the 1500's and 1600's

Lectures or literature exam on the examination day of the Faculty of History Sciences

**Recommended or required reading:**

Mikkeli & Joutsivuo (eds.): Renessanssin tiede, and Henry: The Scientific Revolution and the Origins of Modern Science

**Assessment methods and criteria:**

Written exam

**Grading:**

0-5

**Person responsible:**

Erkki Urpilainen

**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.