

# Opasraportti

## Philosophy (2015 - 2016)

### Philosophy

Address: Philosophy, PL 1000, FI-90014 University of Oulu, Finland

Telephone: study guidance +358 294 48 3311 (University Lecturer Kari Väyrynen), Academic Affairs Secretary +358 294 48 3313 (Päivi Kynkäänniemi)

Website: <http://www.oulu.fi/filosofia/> (in Finnish)

### Admission requirements

Philosophy can be studied by any student presently registered and enrolled at the University.

### Commencement of studies

At the beginning of each term, the history department publishes a curriculum of Philosophy courses scheduled to be taught. Information regarding possible information sessions is posted on the Philosophy programme's notice board in the history department as well as on Philosophy programme's website.

### Study guidance

Study guidance is provided by the University Lecturer of Philosophy, tel. +358 29 448 3311, email kari.vayrynen(at)oulu.fi.

### Philosophy

Philosophy is considered to be one of the first sciences. Scientific thought first emerged as philosophy and thus philosophy is sometimes referred to as "the mother of science". Today philosophy examines the methodological problems common to sciences derived from it as well as metaphysical questions irreducible to these sciences. Philosophy examines also the nature and limitations of human knowledge, language, argumentation and logic, as well as questions of value and morality that form the basis of ethics and politics. Central fields of study in philosophy are metaphysics and ontology, epistemology and the philosophy of science, the philosophy of nature and the environment, the philosophy of values, ethics and social philosophy. The history of philosophy provides an overall view of the development of these fields – many philosophical problems are timeless and thus the history of philosophy has great significance in the context of systematic philosophical thinking as well. Philosophy also extensively studies metaphysical and epistemological questions concerning the principles of science. While this makes Philosophy a useful subsidiary (minor) subject for prospective researchers, the philosophical study of values, ethics, and politics promotes social discourse and provides aspects for social decision-making.

In Oulu, the focus fields of philosophical research are environmental philosophy, the history of philosophy, as well as the philosophy of history and historiography. For more information about the ongoing research projects, go to Philosophy's website, <http://www.oulu.fi/filosofia>. Philosophy is a part of the high-quality research community AgeAds. AgeAds received the highest grade, "outstanding", in the latest RAE evaluation.

Philosophical methods have proven especially beneficial in the academic education of researchers. Studying philosophy is recommendable at any level of study because philosophical thinking contributes to the academic writing process. Philosophy can be studied as subsidiary subject by students in all faculties. Additionally, Philosophy has recently become a compulsory subject in Finnish upper secondary schools, and demand for qualified teachers has increased significantly. It is a suitable subsidiary subject for students from various fields who aim to become teachers.

## Employment prospects

Studies in Philosophy foster the skills required in many professions, especially administrative positions, in which a careful assessment of the values and goals of actions, as well as their links to society and the environment are required. Philosophy often helps envision things in the big picture and thus philosophical skills are useful in all professions that require skills in critical thinking: executive and administrative positions, in the professions of researchers, teachers and journalists, in consultant positions of various fields, etc. The value of philosophy is, however, difficult to measure in economic terms; it contributes significantly to the growth of social and cultural capital.

## Practical information

Students can complete two study packages in Philosophy:

- Basic Studies (25 ECTS credits)
- Intermediate Studies (35 ECTS credits)

Nearly all courses in Philosophy can be completed as book examinations or by assessment methods that are connected with contact teaching. Exceptions to this rule are seminars, which are completed as seminar workshops and written assignments. Students must sign up for book examinations ten days before the exam via WebOodi. Book exams are graded by the person responsible for the course (University Lecturer or University Researcher). Book exams can be taken on the general examination days of the Faculty of Humanities or on the examination days of the degree group (Group I – History). Other methods of assessment (essays, summaries, small-scale studies, oral examination) must be separately agreed upon with the person responsible.

Advanced studies of Philosophy can be completed at other universities. Students must apply for a study right in the chosen university. More information about the different options is provided by the Lecturer of Philosophy.

## Study packages and learning outcomes

### *Basic Studies 25 ECTS credits*

After completing the Basic Studies package, students will have gained an understanding of the special nature of philosophical questions, their historical permanence and their significance in critical analysis of various disciplines, society and culture. Students will also be able to perceive both the theoretical and practical significance of philosophy and will be able to ask philosophical questions concerning ethically conscious every-day life as well as the principles of their fields of study. Students will be able to display an understanding of the most central concepts and fundamental fields of theoretical and practical philosophy. Students will also be familiar with the most important classical thinkers as well as historical stages of development in philosophy, and will be able to interpret elementary classical texts. Students will also possess the basic skills needed for constructive philosophical dialogue in seminars.

### *Intermediate Studies 35 ECTS credits*

The Intermediate Studies package provides students with a more comprehensive view of the theories behind the contemporary trends in philosophy, and after completion students will be knowledgeable about contemporary developments in Finnish philosophy. In the Intermediate Studies, students will deepen their knowledge of the philosophy of science and learn about the historical nature of science and knowledge. They will familiarise themselves with the basics of the philosophy of value, as well as with the application of ethical theories in the context of global problems. The Intermediate Studies package provides students with the skills to recognise their personal fields of interest in philosophy by introducing them to literature from a special field. Students will develop these personal interests into research by working in seminar groups. Students will also be able to deepen their view of the

classics of philosophy in seminars. Students will furthermore develop their skills for creating philosophical dialogue via discussions in seminars and possibly by working in study circles and by other communicative working methods.

## Courses

### Basic Studies, 25 ECTS cr:

700600P	Introduction to Philosophy, 5 ECTS cr
700601P	History of Philosophy, 5 ECTS cr
700618P	Ethics and Philosophy of Society, 5 ECTS
700619P	Philosophy of Science and Theory of Argumentation or Formal Logic, 5 ECTS cr
700620P	Interpretation of Classical Texts, 5 ECTS cr

### Intermediate Studies, 35 ECTS cr:

700621A	Philosophy of Culture in Finland, 5 ECTS cr
700622A	Contemporary Philosophy, 5 ECTS cr
700623A	Advanced Studies in Analytical or Continental Philosophy, 5 ECTS cr
700624A	Values, Ethics and Politics in the Contemporary World, 5 ECTS cr
700625A	Advanced studies in Philosophy of Science or in Theory and Philosophy of History, 5 ECTS cr
700626A	Special Fields of Philosophy, 5 ECTS cr
700627A	Research Seminar, 5 ECTS cr

## Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

700623A: Advanced Studies in Analytical or Continental Philosophy, 5 op  
 700625A: Advanced studies in Philosophy of Science or in Theory and Philosophy of History, 5 op  
 700622A: Contemporary Philosophy, 5 op  
 700618P: Ethics and Philosophy of Society, 5 op  
 700601P: History of Philosophy, 5 op  
 700620P: Interpretation of Classical Texts, 5 op  
 700600P: Introduction to Philosophy, 5 op  
 700621A: Philosophy of Culture in Finland, 5 op  
 700619P: Philosophy of Science and Theory of Argumentation or Formal Logic, 5 op  
 700627A: Research Seminar, 5 op  
 700626A: Special Fields of Philosophy, 5 op  
 700624A: Values, Ethics and Politics in the Contemporary World, 5 op

## Opintojaksojen kuvaukset

## Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

### 700623A: Advanced Studies in Analytical or Continental Philosophy, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Jouni-Matti Kuukkanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700623A Advanced Studies in Analytical or Continental Philosophy (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will be able to demonstrate an advanced understanding of the contemporary research questions analytical or continental philosophy.

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Prerequisites and co-requisites:**

Basic studies of Philosophy

**Recommended or required reading:**

(a) Analytical philosophy:

Glock: What is Analytic Philosophy? **or** Schwartz: A Brief History of Analytic Philosophy from Russell to Rawls **or** Raatikainen: Ajattelu, kieli, merkitys

or

b) Continental philosophy::

Tontti: Tulkinnasta toiseen ja Gadamer: Hermeneutiikka **or** Habermas: Järki ja Kommunikaatio ja White: The Cambridge Companion to Habermas, s. 1-166 **or** Haapala: Heidegger, ristoriitojen filosofi **or** Adorno & Horkheimer & Marcuse: Järjen kritiikki ja Horkheimer & Adorno: Valistuksen dialektiikka

**Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0–5

**Person responsible:**

Jouni-Matti Kuukkanen (Analytical philosophy) and Kari Väyrynen (Continental philosophy)

### 700625A: Advanced studies in Philosophy of Science or in Theory and Philosophy of History, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Jouni-Matti Kuukkanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700625A Philosophy of Science (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish, English

**Timing:**

Free

**Learning outcomes:**

Students will be able to display an advanced comprehension of the contemporary questions in the philosophy of science. Students will also be able to display an advanced understanding of the theoretical questions in the history of science, the philosophy of science, and historiography.

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures, seminar or book exam

**Target group:**

Students minoring in Philosophy

**Prerequisites and co-requisites:**

Basic studies in Philosophy

**Recommended or required reading:**

Kiikeri & Ylikoski: Tiede tutkimuskohteena ja Kuhn: Tieteellisten vallankumousten rakenne **or** Curd ym.: Philosophy of Science, The Central Issues, s. 1045-1300 or valikoima tekstejä sopimuksen mukaan **or** DeWitt: Worldviews: An Introduction to the History and Philosophy of Science or Väyrynen & Pulkkinen: Historian teoria ja filosofia **or** Kuukkanen: Postnarrativistic Philosophy of Historiography

**Assessment methods and criteria:**

Formal lecture exam, book exam or presentation in seminar

**Grading:**

0–5

**Person responsible:**

Jouni-Matti Kuukkanen

## 700622A: Contemporary Philosophy, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Jouni-Matti Kuukkanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700622A Contemporary Philosophy (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will be able to describe comprehensively the central trends (especially analytical philosophy, phenomenology, hermeneutics, postmodernism, and Marxism) in 20<sup>th</sup> and 21<sup>st</sup> century philosophy.

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Prerequisites and co-requisites:**

Basic studies of Philosophy

**Recommended or required reading:**

Niiniluoto-Saarinen, *Nykyajan filosofia*

**Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0–5

**Person responsible:**

Jouni-Matti Kuukkanen

## 700618P: Ethics and Philosophy of Society, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Väyrynen, Kari Antero

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700618P Ethics and Philosophy of Society (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will be able to demonstrate that they are familiar with the central trends of theoretical ethics as well as the lines of reasoning in social philosophy from antiquity to the present day.

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Recommended or required reading:**

Pietarinen and Poutanen, *Etiikan teorioita* AND Mäki, *Kaksi universalistista moraaliteoriaa: Kant ja Utilitarismi* AND Liedman, *Från Platon till kriget mot terrorismen* OR suomenkielinen vaihtoehto tähän

**Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0 - 5

**Person responsible:**

Kari Väyrynen

## 700601P: History of Philosophy, 5 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Jouni-Matti Kuukkanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700601P Introduction to Philosophy and its History 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will be able to display an understanding of the history of the central questions and trends in philosophy from antiquity to the 20<sup>th</sup> century. In addition, students will be able to display knowledge of the central classical thinkers of philosophy.

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Recommended or required reading:**

Nordin, *Filosofian historia*

**Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0-5

**Person responsible:**

Jouni-Matti Kuukkanen

## 700620P: Interpretation of Classical Texts, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Väyrynen, Kari Antero

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700620P Interpretation of Classical Texts (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will learn to read and interpret classical philosophical texts independently and produce a small-scale study on a defined theme and discuss it in a group.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Seminar

**Target group:**

Students minoring in Philosophy

**Recommended or required reading:**

The person responsible has a list of the suggested classical texts.

**Assessment methods and criteria:**

Seminar

**Grading:**

0–5

**Person responsible:**

Kari Väyrynen

## 700600P: Introduction to Philosophy, 5 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Väyrynen, Kari Antero

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700600P Introduction to Philosophy (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will be able to display an understanding of the fundamentality of critical thinking in philosophy. In addition, students will be able to display an understanding of the significance of philosophy in the contexts of human existence, culture and society.

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Recommended or required reading:**

*Rydenfeld and Kovalainen, Mitä on filosofia AND Sajama, Arkipäivän filosofiaa*

**Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0-5



**Person responsible:**

Kari Väyrynen

**700621A: Philosophy of Culture in Finland, 5 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Väyrynen, Kari Antero**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay700621A Philosophy of Culture in Finland (OPEN UNI) 5.0 op

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

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**Students will be able to display knowledge of the history of philosophy in Finland in the 20<sup>th</sup> century especially in the contexts of the philosophy of values, ethics and the philosophy of culture.**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Prerequisites and co-requisites:**

Basic studies of Philosophy

**Recommended or required reading:**Salmela, *Suomalaisen kulttuurifilosofian vuosisata***Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0–5

**Person responsible:**

Kari Väyrynen

**700619P: Philosophy of Science and Theory of Argumentation or Formal Logic, 5 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Jouni-Matti Kuukkanen**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay700619P The Problem of Knowledge and Ways of Knowing (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish, English

**Timing:**

Free

**Learning outcomes:**

Students will be able to demonstrate knowledge of the fundamental questions in the philosophy of science, as well as knowledge of the special nature of the questions in the philosophy of social sciences. In addition, students will be able to display an understanding of the fundamentals of critical argumentation or of formal logic.

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Recommended or required reading:**

Raatikainen: Ihmistieteet ja filosofia AND Niiniluoto: Tieteellinen päättely ja selittäminen OR Chalmers: What is This Thing Called Science OR Ladyman: Understanding Philosophy of Science OR Kakkuri-Knuuttila: Argumentti ja kritiikki, s. 1-113, 158-272 ja 303-403

**Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0–5

**Person responsible:**

Jouni-Matti Kuukkanen

**700627A: Research Seminar, 5 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Jouni-Matti Kuukkanen**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay700627A Research Seminar in Philosophy (OPEN UNI) 5.0 op

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

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will familiarise themselves with the conduction of a philosophical study and with critical discussion through a contemporary research theme.

**Learning activities and teaching methods:**

Seminar

**Target group:**

Students minoring in Philosophy

**Prerequisites and co-requisites:**

Basic Studies of Philosophy and at least half of Intermediate Studies

**Assessment methods and criteria:**

Attending the seminar

**Grading:**

0–5

**Person responsible:**

Jouni-Matti Kuukkanen, Kari Väyrynen

**700626A: Special Fields of Philosophy, 5 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Väyrynen, Kari Antero**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay700626A Special Fields of Philosophy (OPEN UNI) 5.0 op

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

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will be able to display an advanced understanding of a special field of philosophy and contemporary research questions in this field.

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Prerequisites and co-requisites:**

Basic studies of Philosophy

**Recommended or required reading:**

One of the following special fields:

- a) metafysiikka: Jutui: Johdatus metafysiikkaan
- b) tietoteoria: Lammenranta: Tietoteoria
- c) erityistieteiden filosofia: Heisenberg: Fysiikan filosofia tai Sintonen: Biologian filosofian näkökulmia tai Meurman-Solin & Pyysiäinen: Ihmistieteet tänään
- d) ympäristöfilosofia: Oksanen: Ympäristöfilosofia tai Väyrynen: Ympäristöfilosofian historia Maaäitimyytistä Marxiin
- e) historianfilosofia: Kuukkanen: Postnarrativist Philosophy of Historiography tai Väyrynen & Pulkkinen: Historian teoria ja filosofia
- f) filosofinen estetiikka: Vuorinen: Estetiikan klassikoita
- g) mielenfilosofia: Määttänen: Mielenfilosofia
- h) uskonnonfilosofia: Helenius: Uskonnonfilosofia

**Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0–5

**Person responsible:**

Kari Väyrynen

**700624A: Values, Ethics and Politics in the Contemporary World, 5 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Väyrynen, Kari Antero

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay700624A Values, Ethics and Politics in the Contemporary World (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Free

**Learning outcomes:**

Students will be able to describe the significance of values in the contexts of culture and nature, science, technology, and aesthetics. In addition, students will be able to demonstrate an understanding of the questions concerning globalisation in the context of political ethics

**Mode of delivery:**

Contact teaching or independent study

**Learning activities and teaching methods:**

Lectures or book exam

**Target group:**

Students minoring in Philosophy

**Prerequisites and co-requisites:**

Basic studies of Philosophy

**Recommended or required reading:**

**Kaksi** seuraavista teoksista:

Sihvola: Maailmankansalaisen etiikka,

Gylling: Kehityksen etiikka ja filosofia,

Haapala & Oksanen: Arvot ja luonnon arvottaminen,

Oksanen Ympäristöetiikan perusteet

**Assessment methods and criteria:**

Formal lecture exam or book exam

**Grading:**

0–5

**Person responsible:**

Kari Väyrynen