

# Opasraportti

## HuTK - Archaeology 2009-2011 (2009 - 2011)

### Archaeology

Address: P.O. Box 1000, FI-90014 University of Oulu, Finland

Telephone: +358-8-553 3347 (office), +358-8-553 3236 (study counsellor)

Fax: +358-8-553 3341

Website: <http://www.oulu.fi/hutk/yleark/en/>

### Archaeology

Archaeology explores people and their culture through material objects such as artefacts, solid constructions or noticeable changes in the soil caused by human activities. Archaeology is multidisciplinary by nature. It has traditionally had many interests in common with natural sciences, especially when it comes to research methods. Nevertheless, Archaeology is a humanistic science as regards its framing of questions.

The aim of archaeological research is to understand and explain culture and its change. An archaeologist is an expert on material culture, as well as on research and conservation. He/she cooperates with users of land, experts on zoning, and with the authorities that are responsible for conservation of the environment. The protection of the archaeological cultural heritage is a part of environmental protection, and the ethical goal of an archaeologist is to conserve as much of the past as possible to the future.

In the Archaeology studies, the prehistory of Finland and other continents is examined from an anthropological point of view. The focus is on the prehistory of Northern Finland and other northern areas as part of global prehistory. In addition to the mastery over basic material, universal cultural processes as well as the techniques of handling source material are emphasized. A central aim of the studies is to gain the ability to carry out archaeological research independently; to gather observational data, conduct analysis, make interpretations, and present the findings in written form. The division of Archaeology has exchange programs with several foreign universities, which makes it easy for students to study abroad for short periods of time.

In addition to book exams, students can also complete courses through other compensatory methods such as home exams, posters or other written assignments. A student has to agree on these alternative ways of completing a course individually with the teacher responsible for the course in question.

Minor subjects that support Archaeology studies include e.g. Anthropology, Classical Archaeology, History, Finnish and Scandinavian History, Art History, Museum Studies, Geology, Geography, Biology, and environmental protection.

### Admission requirements and commencement of studies

All students of the University of Oulu who have registered as attending for the ongoing academic year are entitled to study Archaeology as a minor subject. For Finnish applicants the right to study Archaeology as a major subject is obtained by participating in the entrance examination, which takes place in the end of May. Every year 20 new major subject students for Archaeology and Cultural Anthropology are admitted. General information for foreign applicants can be found on the English website <http://www.oulu.fi/english/index.html> and in the ECTS guide.

Archaeology and Cultural Anthropology have common Basic Studies and students can choose their major subject when beginning their Intermediate Studies. Otherwise they are free to choose their minor subjects from the beginning.

A student at the University of Oulu can also receive the right to study Archaeology as a major subject by first completing the Basic and Intermediate Studies (with the average grade 3 or higher), and then applying for the right to take the Master's degree which is granted by the Dean. The deadline for applications is the 31 March.

### Practical information

The studies in Archaeology consist of lectures and book examinations, home essays and practical exercises such as laboratory work and field courses. A curriculum for each term is published at the beginning of the term, and it is found at the office and on the subject website. Other necessary information concerning the studies will be announced separately on the notice board and website of Archaeology.

Students have to register at the University Student Affairs office at the beginning of each academic year. A change of address must be reported to the office of Archaeology (HU340), the Student Affairs office or online in WebOodi.

Students begin their studies by taking the basic course in Archaeology. Examinations can be taken on the general examination days of both the Faculty and the subject group. Examinations and courses are graded either numerically (0-5) or simply as pass/fail. Students should register for the examinations in WebOodi at least ten days before the date of the examination in question.

The study requirements of Archaeology can be attained also by attending and completing suitable lectures or courses in other subjects. In the examination papers the number of credits and the code and name of the course must always be mentioned. The completed studies are written down in the transcript of records, which the student should check at least once in every semester.

The examination papers are kept six months after the announcement of the results of the examinations.

### Study guidance

Study guidance is provided by the Amanuensis, tel. +358-8-5533236. First-year students have the benefit of the student tutoring system.

### Employment prospects

The studies in Archaeology give good assets for working in different tasks in the field of cultural heritage management, protection and conservation as well as in museums and as a researcher. Archaeology as a minor subject is very useful for those who are going to teach history, since it provides knowledge needed to teach courses related to the origins and development of humankind before written records. Furthermore, Archaeology provides a solid basis for an understanding of our northern identity when working in various professions in the field of culture.

### The studies in Archaeology are composed of three different levels:

1. Basic Studies 25 credits
2. Intermediate Studies 45 credits (BA seminar and thesis included)
3. Advanced Studies 40 credits and the MA thesis 40 credits

### Courses at different levels

#### *Basic Studies*

#### *25 credits*

|   |           |
|---|-----------|
| 687332Y Personal Study Plan 1 (HOPS 1)          | 0 credits |
| 687300P Introduction to Archaeology             | 3 credits |
| 687301P Introduction to Classical Archaeology   | 2 credits |
| 687200P Introduction to Cultural Anthropology   | 5 credits |
| 687224P Basic Course on Finland's Culture       | 5 credits |
| 687201P Origins of Society                      | 5 credits |
| 687225P Man and Environment                     | 3 credits |
| 687226P Introduction to Biological Anthropology | 2 credits |

|   |                          |
|---|--------------------------|
| <b><i>Intermediate Studies</i></b>  | <b><i>45 credits</i></b> |
| 687336Y Personal Study Plan 2 (HOPS 2)  | 0 credits                |
| 687308A Fieldwork Practice  | 8 credits                |
| 687309A Theory and Methods in Archaeology   | 6 credits                |
| <br>  |                          |
| <i>Studies Supporting the Thesis</i>  | <i>21 credits</i>        |
| Choose 7 courses, so that at least the minimum amount of courses will be chosen from each category. |                          |
| <br>  |                          |
| Research Methods (choose 2-4 sections):   |                          |
| 687310A Archaeometry  | 3 credits                |
| 687311A Archaeology and GIS   | 3 credits                |
| 687312A Physical Anthropology and Animal Osteology  | 3 credits                |
| 687313A Experimental Archaeology  | 3 credits                |
| 687314A Special fields of Anthropology  | 3 credits                |
| <br>  |                          |
| Utilization and Preservation of the Past<br>(choose 2-4 sections):                                  |                          |
| 687315A Popularization of the Past  | 3 credits                |
| 687316A Conservation  | 3 credits                |
| 687317A The Cultural Heritage and its Protection  | 3 credits                |
| 687318A Publishing Research Results   | 3 credits                |
| <br>  |                          |
| Regional Perspective in Archaeology (choose 1-3 sections):  |                          |
| 687319A Archaeology of a Specific Country or Continent  | 3 credits                |
| 687320A Archaeology of Northern Regions   | 3 credits                |
| 687321A Special Issues in Finnish Archaeology   | 3 credits                |
| 687322A Archaeology of Finland's Neighbouring Regions   | 3 credits                |
| 687323A Archaeology of the Mediterranean Region   | 3 credits                |
| <br>  |                          |
| 687324A Optional Specialization   | 3 credits                |
| 687325A BA Thesis and Seminar   | 10 credits               |

687326A Maturity Test (BA Thesis) 0 credits

***Advanced Studies***

***80 credits***

|   |            |
|---|------------|
| 687337Y Personal Study Plan 3 (HOPS 3)                          | 0 credits  |
| 687327S Studies Associated with Themes of the MA Thesis         | 15 credits |
| 687328S Employment-oriented Studies                             | 15 credits |
| 687329S Seminar   | 10 credits |
| 687330S Master's Thesis   | 40 credits |
| 687331S Maturity Test for Master's Degree / General Archaeology | 0 credits  |

**Learning Objectives**

After completing the Basic Studies, students will be able to illustrate the history of archaeology and cultural anthropology, their methods and various theoretical principles. They will be capable of defining the concepts and describing the different areas in research. They will be able to explain the long-term interaction between mankind and the environment and define the basic concepts of biological anthropology and the Finnish ethnic culture.

After completing the Intermediate Studies, students will have a multifaceted view on the methods and theoretical approaches of archaeology. In addition, they will be familiar with the archaeology of different areas as well as the different areas of archaeology. They will have the skills to apply archaeological methods and to document information. The students will also 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 have the required qualifications to plan and carry out various archaeological projects and research. They will be able to produce scientific information and to present the different stages and the results of research both orally and in writing. They will be professionals who can work independently and ethically in demanding analytical and creative projects. They will also be capable of acting as experts in various capacities.

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

- 687311A: Archaeology and GIS, 3 op
- 687322A: Archaeology of Finland's Neighbouring Regions, 3 op
- 687319A: Archaeology of a Specific Country or Continent, 3 op
- 687320A: Archaeology of northern regions, 3 op
- 687323A: Archaeology of the Mediterranean Region, 3 op
- 687310A: Archaeometry, 3 op
- 687325A: BA Thesis and Seminar, 10 op
- 687224P: Basic course on Finland's Culture, 5 op
- 687316A: Conservation, 3 op
- 687317A: Cultural heritage and its protection, 3 op
- 687328S: Employment-oriented Studies, 15 op
- 687313A: Experimental Archaeology, 3 op
- 687308A: Fieldwork Practice, 8 op

687225P: Humans and Environment, 3 op  
 687300P: Introduction to Archaeology, 3 op  
 687226P: Introduction to Biological Anthropology, 2 op  
 687301P: Introduction to Classical Archaeology, 2 op  
 687200P: Introduction to Cultural Anthropology, 5 op  
 687330S: Master's thesis, 40 op  
 687326A: Maturity Test for Bachelor's Degree / Archaeology, 0 op  
 687331S: Maturity Test for Master's Degree / Archaeology, 0 op  
 687324A: Optional Specialization, 3 op  
 687201P: Origins of Society, 5 op  
 687332Y: Personal Study Plan 1 (Candidate's degree), 0 op  
 687336Y: Personal Study Plan 2 (Bachelor's degree), 0 op  
 687337Y: Personal Study Plan 3 (Master's degree), 0 op  
 687312A: Physical anthropology and animal osteology, 3 op  
 687315A: Popularization of the Past, 3 op  
 687318A: Publishing Research Results, 3 op  
 687329S: Seminar, 10 op  
 687314A: Special Fields of Anthropology, 3 op  
 687321A: Special Issues in Finnish Archaeology, 3 op  
 687327S: Studies Associated with Themes of the MA Thesis, 9 op  
 687309A: Theory and Methods of Archaeology, 6 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

#### 687311A: Archaeology and GIS, 3 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Okkonen, Jari Pekka

**Opinto-kohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

Students should be able to acquire and store material of their own in a GIS system and to demonstrate their ability to perform spatial analyses relevant to an archaeological research problem.

**Contents:**

GIS, the acquisition of geographical data, databases, the use of GIS programs and the construction of maps

**Learning activities and teaching methods:**

Lecture course and/or demonstrations

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Literature examination, compensatory lectures or alternative assessment methods.

**Grading:**

0-5

**Person responsible:**

Jari Okkonen, Lecturer

**687322A: Archaeology of Finland's Neighbouring Regions, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year of study

**Learning outcomes:**

Students should be able to describe and explain the special features and prehistory of Finland's neighbour regions

**Contents:**

The relevant features of the prehistoric archaeology of Sweden, Russia and Estonia

**Learning activities and teaching methods:**

Lectures and/or independent studies

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Examination or essay

**Grading:**

0-5

**Person responsible:**

Amanuensis

**687319A: Archaeology of a Specific Country or Continent, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Okkonen, Jari Pekka

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

Students should be able to place the archaeological heritage of a country or continent within global prehistory, taking account not only of details but also of broader cultural processes.

**Contents:**

The prehistory, cultural history and archaeological heritage of a given region

**Learning activities and teaching methods:**

Lecture course and/or recommended literature

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Literature examination following independent study and/or lectures, or alternative means of assessment.

**Grading:**

0-5

**Person responsible:**

Jari Okkonen, Lecturer

**687320A: Archaeology of northern regions, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Eero Jarva, Nunez Garces Milton

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

Students should be able to describe and explain the archaeology of a selected Northern region

**Contents:**

The prehistory, cultural history and archaeological heritage of some specific area of the Northern regions.

**Learning activities and teaching methods:**

Lecture course and/or recommended literature

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Literature examination following independent study and/or lectures, or alternative assessment methods.

**Grading:**

0-5

**Person responsible:**

Lecturer of Archaeology

**687323A: Archaeology of the Mediterranean Region, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Eero Jarva

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

Students should be able to describe and explain the culture and archaeology of a chosen Mediterranean region

**Contents:**

Prehistory and cultural periods of a Mediterranean region

**Learning activities and teaching methods:**

Lectures and/or literature

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Independent study and book examination and/or lectures, or alternative assessment methods.

**Grading:**

0-5

**Person responsible:**

Eero Jarva, Lecturer

## 687310A: Archaeometry, 3 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Nunez Garces Milton

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

Students should be able to describe key archaeological research methods.

**Contents:**

Different scientific and quantitative methods such as stratigraphy, typology, radiometric dating and statistics in archaeology.

**Learning activities and teaching methods:**

Lecture course and literature

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Lecture examination, book examination or an essay.

**Grading:**



0 - 5

**Person responsible:**

Amanuensis

## 687325A: BA Thesis and Seminar, 10 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

10 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

The student has learned to analyze archaeological data independently. The student has acquired practice in scholarly discussions and the evaluation of research, and has practiced scientific writing.

**Contents:**

A independently written thesis about a concise theme dealing with the basic questions and themes of archaeological research

**Learning activities and teaching methods:**

Lecture, independent study and preparing a written thesis, seminar work.

**Target group:**

Only for Students with Archaeology as main subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology .

**Assessment methods and criteria:**

Lecture, seminar (not less than 20 h), preparing and presenting a written study, (10-15 pages), acting as an opponent and active participation in the seminar.

**Grading:**

0-5

**Person responsible:**

Lecturer of Archaeology and Professor Milton Núñez

## 687224P: Basic course on Finland's Culture, 5 op

**Voimassaolo:** 01.08.2009 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay687224P Basic course on Finland's Culture (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 credits

1) Basics of Finnish Prehistory: 2,5 credits

2) Basics of Finnish Folk Culture: 2,5 credits

**Language of instruction:**

Finnish

**Timing:**

1st year, autumn and spring semesters.

- 1) Basics of Finnish Prehistory: 1st year, autumn semester
- 2) Basics of Finnish Folk Culture: 1st year, spring semester

**Learning outcomes:**

Upon completion of the course, the student will be able to describe Finnish ancient remains, prehistoric objects and cultural processes in general terms. The student will also be able to describe the material, areal, social and economical basics of Finnish folk culture.

**Contents:**

The course consists of two parts.

- 1) Basics of Finnish prehistory, 2,5 credits: different periods of Finland's prehistory and the research history on Finnish Archaeology
- 2) Basics of Finnish Folk Culture, 2,5 credits: The material, areal, social and economical basics of Finnish folk culture.

**Learning activities and teaching methods:**

- 1) Basics of Finnish Prehistory: Lectures and independent reading
- 2) Basics of Finnish Folk Culture: Lectures and practicum

**Target group:**

First-year students.

- 1) Basics of Finnish Prehistory: First-year students of Archaeology and Cultural Anthropology
- 2) Basics of Finnish Folk Culture: First-year students of Archaeology and Cultural Anthropology

**Recommended or required reading:**

- 1) Basics of Finnish Prehistory: Lecture material and selected readings (to be announced on lectures)
- 2) Basics of Finnish Folk Culture: Lecture notes and selected readings.

**Assessment methods and criteria:**

- 1) Basics of Finnish Prehistory: Lecture examination
- 2) Basics of Finnish Folk Culture: Written assignment

**Grading:**

0-5

**Person responsible:**

- 1) Basics of Finnish Prehistory: Lecturer of Archaeology
- 2) Basics of Finnish Folk Culture: Lecturer of Cultural Anthropology

## 687316A: Conservation, 3 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Heinonen Jari

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd - 3rd year

**Learning outcomes:**

After the course, the student will be able to describe what conservation means and to recognize the major factors damaging cultural property, and be familiar with passive or long-term conservation

**Contents:**

Conservation and restoration, factors damaging cultural property, organic and inorganic materials and their decomposition, introduction to the conservation procedure.

**Learning activities and teaching methods:**

Lectures (18 - 24 h), demonstrations and hands-on exercise (70 h) or other working methods to be agreed upon separately.

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Basic Studies in Archaeology

**Recommended or required reading:**

Lecture materials and literature

**Assessment methods and criteria:**

Lectures (18 - 24 h) with examination, demonstration and hands-on exercises.

**Grading:**

0 - 5

**Person responsible:**

Jari Heinonen, Research Technician (Conservator)

**687317A: Cultural heritage and its protection, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Okkonen, Jari Pekka

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year of study

**Learning outcomes:**

Students should be able to explain the basic concepts involved in the study and conservation of the cultural heritage, and to understand the significance of context for the process of cultural heritage creation.

**Contents:**

Laws and agreements governing the conservation and management of the cultural heritage, land use and ancient monuments, archaeological sites as parts of the cultural landscape

**Learning activities and teaching methods:**

Lecture course and/or recommended literature

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Literature examination following independent study and/or lectures, or alternative means of assessment

**Grading:**

0-5

**Person responsible:**

Jari Okkonen, Lecturer

**687328S: Employment-oriented Studies, 15 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Okkonen, Jari Pekka

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

15 credits

**Timing:**

3rd or 4th year.

**Learning outcomes:**

Students should be able to apply their knowledge of Archaeology in real-life situations, and be capable of being employed in a variety of posts upon completion of the degree.

**Contents:**

Working as a trainee, fieldwork, work in archives or a museum

**Learning activities and teaching methods:**

Supervised and independent work, and independent study

**Target group:**

Students with Archaeology as a main subject

**Recommended optional programme components:**

Completion of Basic and Intermediate Studies in Archaeology

**Assessment methods and criteria:**

Learning journals/reports (4-6 pages) on work practice, to be returned to the teacher responsible for the course at the end of the practice period (1 week of reported work practice = 1 credit)

**Grading:**

Pass/fail

**Person responsible:**

Jari Okkonen, Lecturer

## 687313A: Experimental Archaeology, 3 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

The student will be able to apply the theory of experimental archaeology in practice, and to conduct experimental archaeology on his/her own.

**Contents:**

Theory of experimental archaeology and practical work with the student's own project.

**Learning activities and teaching methods:**

Lectures, selected literature and practical exercises

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Independent study and/or lectures, practical exercises and group work; book exam, a poster or alternative assessment methods.

**Grading:**

0-5

**Person responsible:**

Amanuensis together with Jari Heinonen, Research Technician

## 687308A: Fieldwork Practice, 8 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Okkonen, Jari Pekka

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

8 credits

**Language of instruction:**

Finnish

**Timing:**

1st year, spring semester and 2nd year

**Learning outcomes:**

Students should be able to apply excavation and inventory methods in fieldwork situations and process the material gathered from fieldwork into the form of pictures, maps and reports, and also acquire knowledge of some of the most common types of prehistoric remains and cultural landscapes.

**Contents:**

Guided introductions to fieldwork methods, documentation and measurement techniques, the processing and reporting of finds, visits to prehistoric sites and a detailed consideration of one such site.

**Learning activities and teaching methods:**

Supervised fieldwork practice, laboratory work and written exercises, excursions to archaeological sites, independent studies and presentations

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Assessment methods and criteria:**

Supervised fieldwork practice, laboratory work and written exercises (2 weeks of excavation practice, 2 weeks' course in inventory techniques, 40 h course in the processing of material), excursions to archaeological sites, independent study and a presentation

**Grading:**

Pass/fail

**Person responsible:**

Part a): Amanuensis; part b) Amanuensis together with Jari Heinonen, Research Technician; parts c) and d) Jari Okkonen, Lecturer

**Other information:**

The course consists of the following parts:

- a) excavation practice: 2 credits
- b) processing of material: 2 credits
- c) survey: 2 credits
- d) excursions on prehistoric themes: 2 credits

## 687225P: Humans and Environment, 3 op

**Voimassaolo:** 01.08.2009 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay687225P Humans and Environment (OPEN UNI) 3.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

1st year, spring semester.

**Learning outcomes:**

Upon completion of the course, students will be able to describe the protection of cultural heritage as part of environmental protection, and to explain the interaction of humans and the environment in a long time perspective. Students will also be able to explain how a single culture has adapted to the natural environment.

**Contents:**

The course consists of two parts.

- 1) Lecture 1,5 credits: Basic concepts and methods of environmental research
- 2) Practicum 1,5 credits: The conditions and mechanisms of the collapse and preservation of cultures.

**Learning activities and teaching methods:**

- 1) Lecture:Lectures
- 2) Practicum:Practicum

**Target group:**

- 1) Lecture:First-year students of Archaeology and Cultural Anthropology
- 2) Practicum:First-year students of Archaeology and Cultural Anthropology

**Recommended or required reading:**

- 1) Lecture:Lecture materials and selected readings to be announced on the lectures
- 2) Practicum:Diamond, Jared 2005: Romahdus. Miten yhteiskunnat päättävät tuhoutua tai menestyä.

**Assessment methods and criteria:**

- 1) Lecture:Online exercises
- 2) Practicum:Oral presentation in the reading group

**Grading:**

0-5

**Person responsible:**

- 1) Lecture:Jari Okkonen, Lecturer
- 2) Practicum:Taina Kinnunen, Professor

**687300P: Introduction to Archaeology, 3 op****Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Okkonen, Jari Pekka**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay687300P Introduction to Archaeology (OPEN UNI) 3.0 op

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

3 credits

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

Students should be able to form a picture of the history of Archaeology as a science, its research methods and its various theories, and to define its position as intermediate between the humanities and the physical sciences.

**Contents:**

Archaeology as a science, its research methods, history and theories and its relations to other disciplines; introduction to archaeological literature.

**Learning activities and teaching methods:**

Lectures

**Target group:**

First-year students of Archaeology and Cultural Anthropology.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture handouts and selected literature

**Assessment methods and criteria:**

Lecture examination

**Grading:**

0-5

**Person responsible:**

Jari Okkonen, Lecturer

**687226P: Introduction to Biological Anthropology, 2 op****Voimassaolo:** 01.08.2009 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay687226P Introduction to Biological Anthropology (OPEN UNI) 2.0 op

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

2 credits

**Language of instruction:**

English

**Timing:**

1st year

**Learning outcomes:**

Students should be able to define the basic concepts of biological anthropology and explain the research methods used in explaining human evolution

**Contents:**

Basic concepts of biological anthropology, research methods and interpretations

**Learning activities and teaching methods:**

Lecture course

**Target group:**

First-year students of Archaeology and Cultural Anthropology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Examination

**Grading:**

0-5

**Person responsible:**

Milton Núñez, Professor

**687301P: Introduction to Classical Archaeology, 2 op****Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Eero Jarva**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay687301P Introduction to Classical Archaeology (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 acquire knowledge of the basics of Classical Archaeology and some of its special features

**Contents:**

Classical Archaeology as a discipline, its methods, history, theory and links with other disciplines

**Learning activities and teaching methods:**

Lecture

**Target group:**

First-year students of Archaeology and Cultural Anthropology

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture handouts and selected literature

**Assessment methods and criteria:**

Examination

**Grading:**

0-5

**Person responsible:**

Eero Jarva, Lecturer

**687200P: Introduction to Cultural Anthropology, 5 op****Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay687200P Introduction to Cultural Anthropology (OPEN UNI) 5.0 op

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

5 credits

**Language of instruction:**

Finnish

**Timing:**

1st year, autumn semester

**Learning outcomes:**

Upon completion of the course, students should be able to define the concepts of Cultural Anthropology and describe its central research areas. They will be able to name and describe classical and contemporary theories and fields of Cultural Anthropology.

**Contents:**

Central conceptions, theories and fields of Cultural Anthropology

**Learning activities and teaching methods:**

Lectures and article practicum

**Target group:**

First-year students of Archaeology and Cultural Anthropology

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture notes and selected articles

**Assessment methods and criteria:**

Examination and written assignment

**Grading:**



0-5

**Person responsible:**

Professor of Cultural Anthropology

**687330S: Master's thesis, 40 op****Opiskelumuoto:** Advanced Studies**Laji:** Diploma thesis**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Nunez Garces Milton**Opintokohteen kielet:** Finnish**ECTS Credits:**

40 credits (Thesis in minor subject 20 credits)

**Timing:**

5th year

**Learning outcomes:**

Students should be able to carry out independent scientific research, using the appropriate research methods. They should be able to present the research findings in a systematic and appropriate form.

**Contents:**

Preparing the Master's Thesis

**Learning activities and teaching methods:**

The appropriate length of the thesis is c. 60 pages. If the work is based on material which has been collected by the student, meaning independent fieldwork and study of the material, 40 pages is sufficient. The Master's thesis can be a literary work which discusses and deals with archaeological data such as artefact collections or archives. The Thesis can also be in the form of CD-ROM, or a HTML or PDF document. The thesis can also be a portfolio, which consists of a literary summary and e.g. artefacts, pictures and computer programs, and it can include videotape or multimedia presentations. Students planning to complete the thesis in the form of a portfolio should first consult the Professor.

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic and Intermediate Studies in Archaeology

**Assessment methods and criteria:**

Composing a Master's (Pro gradu) thesis

**Grading:**

According to the general principles of the Faculty of Humanities

**Person responsible:**

Milton Núñez, Professor

**687326A: Maturity Test for Bachelor's Degree / Archaeology, 0 op****Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Ikäheimo, Janne Petteri**Opintokohteen kielet:** Finnish**ECTS Credits:**

0 credits

**Timing:**

At the end of the Intermediate Studies, after the BA thesis has been accepted

**Target group:**

Only for Students with Archaeology as a major subject

**Recommended optional programme components:**

Completion and acceptance of the Bachelor's Thesis

**Assessment methods and criteria:**

Written examination

**Grading:**

Pass/fail

**Person responsible:**

Lecturer of Archaeology and Professor Milton Núñez

**687331S: Maturity Test for Master's Degree / Archaeology, 0 op****Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

0 credits

**Timing:**

Directly after the acceptance of Master's Thesis (Pro Gradu).

**Learning activities and teaching methods:**

On the basis of his/her MA thesis, the student will write an abstract which is correct as regards its subject matter and grammar.

**Target group:**

Students with Archaeology as a major subject

**Recommended optional programme components:**

Completion and acceptance of the Master's Thesis (Pro Gradu).

**Assessment methods and criteria:**

Written examination

**Grading:**

Pass/fail

**Person responsible:**

Milton Núñez, Professor

**687324A: Optional Specialization, 3 op****Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Okkonen, Jari Pekka**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Contents:**

Studies as selected by the students individually

**Learning activities and teaching methods:**

Independent studies on an academic or cultural theme, e.g. in a research or study team or a working group, or organizing a seminar.

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Assessment methods and criteria:**

To be chosen freely, may be based on work in a research or study team or working group, independent coursework or organizing a seminar on an academic or cultural theme.

**Grading:**

Pass/fail

**Person responsible:**

Jari Okkonen, Lecturer

## 687201P: Origins of Society, 5 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Anneli Meriläinen-Hyvärinen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay687201P    Origins of Society (OPEN UNI)    5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 credits

**Language of instruction:**

- 1) Origins of Society:English
- 2) Different Development Processes of Cultures:Finnish

**Timing:**

1st year

**Learning outcomes:**

By the end of the course, the student should be able to describe the development of food producing societies, social complexity and urbanism, and be able to evaluate them from a global perspective. The student will also have the ability to describe the main features of the origin and development of cultures in different parts of the world. The student will be able to describe the environmental and socio-cultural elements which have affected the development

**Contents:**

The course consists of two parts.

- 1) Origins of Society 2,5 credits: Factors and patterns which shape the development of cultures.
- 2) Different Development Processes of Cultures 2,5 credits: The features and conditions of different development processes of cultures.

**Learning activities and teaching methods:**

- 1) Origins of Society:Lecture and selected readings
- 2) Different Development Processes of Cultures:Practicum or selected readings

**Target group:**

- 1) Origins of Society:first-year students of Archaeology and Cultural Anthropology
- 2) Different Development Processes of Cultures:First-year students of Archaeology and Cultural Anthropology

**Recommended or required reading:**

- 1) Origins of Society:Recommended literature
- 2) Different Development Processes of Cultures:Diamond, Jared 2003: Tykit, taudit ja teräs. Ihmisen ja yhteiskuntien kohtalot

**Assessment methods and criteria:**

- 1) Origins of Society:Lecture examination and book examination
- 2) Different Development Processes of Cultures:Written assignment or examination

**Grading:**

0-5

**Person responsible:**

- 1) Origins of Society:Professor Milton Núñez
- 2) Different Development Processes of Cultures:Taina Kinnunen, Professor

## 687332Y: Personal Study Plan 1 (Candidate'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

### **687336Y: 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

### **687337Y: 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

### **687312A: Physical anthropology and animal osteology, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Nunez Garces Milton

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

English

**Timing:**

2nd or 3rd year of study

**Learning outcomes:**

Students should be able to describe and explain the basics of human and animal osteology as well as the evolution of the anatomy of human race.

**Contents:**

Practical research of the human skeleton, defining the age and sex by the bones. Studying human evolution and the basics in animal osteology.

**Learning activities and teaching methods:**

Lectures and literature

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Literature examination following independent study and/or lectures, or alternative means of assessment

**Grading:**

0-5

**Person responsible:**

Milton Núñez, Professor

**687315A: Popularization of the Past, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Nunez Garces Milton

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd - 3rd year

**Learning outcomes:**

Students should be able to transform the scientific archaeological knowledge to everyday or popular form, in a way that it doesn't offend scientific ethics.

**Contents:**

Introduction to popularizing archaeological knowledge, facilities and contents

**Learning activities and teaching methods:**

Lectures, independent studies and other working methods

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Literature examination following independent study and/or lectures, or alternative assessment methods.

**Grading:**

0-5

**Person responsible:**

Lecturer of Archaeology

**687318A: Publishing Research Results, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Nunez Garces Milton

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

The student will become acquainted with the basics of publishing research results

**Contents:**

Learning the methods and practice of scientific publishing

**Learning activities and teaching methods:**

Selected literature and instructed practices relevant to the subject of the Master's (Pro Gradu) Thesis.

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

independent assignments

**Grading:**

Pass/fail

**Person responsible:**

Amanuensis

## 687329S: Seminar, 10 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Eero Jarva

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

10 credits

**Timing:**

3rd or 4th year.

**Learning outcomes:**

The student will be able to carry out independent research. The student will have prepared her/his own written thesis in interaction with tutors and other seminar participants, and practiced scientific discussions.

**Contents:**

Presenting the MA thesis in its different stages: for instance research plan, disposition, part of the work and in the end the entire manuscript.

**Learning activities and teaching methods:**

Composing and practicing written research, presentation, taking part in seminar meetings.

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic and Intermediate Studies in Archaeology and studies associated with the themes of the MA thesis.

**Recommended or required reading:**

Literature related to the student's own research.

**Assessment methods and criteria:**

Composing and presenting seminar papers, acting as an opponent to one seminar paper and active work in seminar meetings (at least 20 h).

**Grading:**

Pass/fail

**Person responsible:**

Professor Milton Núñez and Eero Jarva, Lecturer

## 687314A: Special Fields of Anthropology, 3 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Anneli Meriläinen-Hyvärinen

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

After completion of the course, the student will be able to describe the different fields of Cultural Anthropology, and have an idea of the multidisciplinary possibilities of Anthropology.

**Contents:**

Students can choose one of the special fields of Anthropology, for instance gender studies, cultural ecology, linguistic anthropology, anthropology of economics or art.

**Learning activities and teaching methods:**

Lecture course and/or recommended literature

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Literature examination, compensatory lectures or alternative assessment methods

**Grading:**

0-5

**Person responsible:**

Amanuensis

## 687321A: Special Issues in Finnish Archaeology, 3 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Okkonen, Jari Pekka

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd or 3rd year

**Learning outcomes:**

Students should be able to describe and evaluate some special issue of Finnish archaeology

**Contents:**

The studies can cover various topics, such as case studies or themes related to settlement archaeology, prehistoric process or some other relevant issues in Finnish archaeology.

**Learning activities and teaching methods:**

Lecture course and/or recommended literature

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Literature examination following independent study and/or lectures, or alternative means of assessment

**Grading:**

0-5

**Person responsible:**

Lecturer of Archaeology

## 687327S: Studies Associated with Themes of the MA Thesis, 9 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Eero Jarva

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

15 credits

**Timing:**

3rd or 4th year

**Learning outcomes:**

Students should be able to use and analyze the research material associated with the topic of their MA thesis, and become familiar with the methodological and theoretical aspects of the research.

**Contents:**

Perceiving the key problems of the research, collecting and processing the material, getting acquainted with the research history of the theme of the thesis; examining the essential methodological and theoretical frames of reference.

**Learning activities and teaching methods:**

Supervised and unsupervised work and independent study

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic and Intermediate Studies in Archaeology

**Recommended or required reading:**

Literature and other research material related to the student's own research.

**Assessment methods and criteria:**

Independent studies, examination and/or lectures

**Grading:**

0-5

**Person responsible:**

Milton Núñez, Professor

## 687309A: Theory and Methods of Archaeology, 6 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

6 credits

**Language of instruction:**



English and Finnish

**Timing:**

2nd year of study

**Learning outcomes:**

Students should be able to describe different trends in archaeological theory and explain the main archaeological research methods.

**Contents:**

The history and new trends of archaeological theory and methods, the archaeological research processes, stratigraphy, typology, dating methods as well as statics and natural sciences in archaeology.

**Learning activities and teaching methods:**

Lecture course

**Target group:**

Students with Archaeology as a major or minor subject

**Recommended optional programme components:**

Completion of Basic Studies in Archaeology

**Recommended or required reading:**

Recommended literature

**Assessment methods and criteria:**

Examination or an essay

**Grading:**

0 - 5

**Person responsible:**

Professor Milton Núñez and Amanuensis