

# Opasraportti

## Logopedics (2013 - 2014)

### Logopedics

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

Telephone: study counsellor +358 29 448 3393 Amanuensis Kaisu Heinänen, Academic Affairs Secretary +358 29 448 3385 Kaisa Kosola

Email: [firstname.lastname@oulu.fi](mailto:firstname.lastname@oulu.fi) (staff email addresses)

Website: <http://www.oulu.fi/logopedia/>

### Admission requirements

To be admitted to the Logopedics degree programme students must pass an entrance examination. Basic Studies in Logopedics can be completed as a subsidiary (minor) subject. More information on this option is available from the study counsellor.

### Study guidance

Study guidance is provided by the Amanuensis, tel. +358 29 448 3393, [logo.amanuenssi\(at\)oulu.fi](mailto:logo.amanuenssi(at)oulu.fi)

### Logopedics

Logopedics is a discipline that examines the versatility of normal development of speech, language and communication skills as well as disorders related to these. The main focus of the studies is on the manifestations of voice, speech, language and communication as well as on the prevention of disorders, rehabilitation and efficiency of rehabilitation.

Upon completion of the degree programme in Logopedics, students may apply for qualification from Valvira, the Finnish National Supervisory Authority for Welfare and Health, in order to operate as a licensed speech therapist or as a professional in various job settings that require expertise in speech, language and communication. The degree programme in Logopedics aims to train the students to become multidisciplinary experts. To attain this goal, the programme focuses on appropriate selection of topics and on the multidisciplinary nature of research in the field. Studying logopedics familiarizes the students with the normal development of speech, language and communication as well as with related disorders and with multiprofessional diagnostics and the rehabilitation of such disorders. Besides the core Logopedics studies, psychology, medicine, phonetics and linguistics in particular have a prominent position in the studies. In the Logopedics programme, students first complete the three-year-long Bachelor of Arts degree (180 ECTS credits) and then move on to the two-year-long Master of Arts degree (120 ECTS credits). Studies include instruction on theory, guided clinical learning, training to become a therapist and independent training in the profession of speech therapy.

Fostering professional skills and research during the studies is essentially important for the student's development in the discipline. Logopedics represents one of the Faculty of Humanities' core focuses: research concerning language, education and communication. At the University of Oulu, the research focus is on the study of children's language as well as the disorders related to it and neurocognitive study of language. This research is carried out primarily at the

Child Language Research Centre and at the Neurocognitive unit. Students are obliged to take part, to a reasonable degree, in the department's research activities, for example by being a test subject or a data collector in a Logopedics research project. The degree in Logopedics provided by the University provides students the academic qualifications required to apply for a Doctoral degree programme in Logopedics.

### **Employment prospects**

Speech therapists have excellent employment prospects, and there are many openings and good demand for private speech therapists. People with expertise in logopedics are also needed in education, research and development of assistive instrument technology.

### **Practical information**

Practical information can be found in "Logopedian matkaopas" found in PDF form on the University's Logopedics website (*in Finnish*).

### **Study packages and learning outcomes**

The Basic Level study package in Logopedics familiarizes the students with the central concepts and scientific thought and research related to the discipline. Students will acquire a basic knowledge of the development of normal language, speech and communication as well as gaining an understanding of evaluation of this development. The Basic Studies also familiarize the students with how the development of language can be supported, and students acquire practical experience. Upon completion of the Basic Studies, students can follow the ethical guidelines of scholarly research.

#### **Learning outcomes in Basic Studies of Logopedics:**

- Students have informational and conceptual expertise in the discipline as well as the skills needed to examine the research of interaction and communication as well as related disorders.
- Students have an understanding of the nature of logopedic reasoning and can acknowledge the special characteristics of scholarly data and various research approaches.
- Students have a general idea of the speech therapist's profession.
- In addition, students have the skills to create small-scale presentations based on their own expertise.

The Intermediate Studies in Logopedics familiarizes the students comprehensively with the research methods and disorders of logopedics. These studies are supplemented with a selection of subsidiary subjects chosen by the student. The main aim of the Intermediate Studies package is to deepen the student's informational and methodological skills in such a way that they are able to work independently in a scholarly manner and are able to apply the learned theoretical knowledge in the clinical courses held during the Intermediate and Advanced studies stage.

#### **Learning outcomes in Intermediate Studies in Logopedics:**

- Students are knowledgeable about the perspectives, methods and data in researching interaction and communication disorders. Students understand the scope and the complexity of questions in the field of research in Logopedics.
- Students can produce a Candidate's Thesis.
- Students master the methodological fundamentals of logopedic rehabilitation and can perform the duties of a speech therapist in the clinical courses under supervision.
- Students have familiarized themselves with the ethical guidelines concerning the profession of the speech therapist.

The Advanced Studies in Logopedics, via studies of theory and clinical courses, fosters the student's skills to conduct logopedic research based on their own areas of interest as well as their skills to work independently as a speech therapist. With the Advanced Studies, students will gain high-level skills for understanding, analysing and reporting the nature of disorders in interaction, communication and logopedic information. In addition, students will gain various qualifications needed in the professions of the field.

#### **Learning outcomes of Advanced Studies in Logopedics:**

- Students can plan and execute advanced projects concerning research and applying knowledge as well as producing scholarly discourse.
- Students can critically evaluate various data and arguments as well as present the results of research processes coherently in a written thesis.
- Students can do demanding independent tasks requiring analysis, creativity and ethical evaluation and are able to provide expert work in multiprofessional communities and other various professional settings.
- Students understand the diversity of logopedic research and can place their own research aims in the wider context of discourse in the field. Students have the ability to independently follow the discourse in their field.
- Students know and are able to apply the essential logopedic research methods in clinical courses. They can use the terminology of logopedics and have the skills to apply methodological and theoretical tools from other disciplines in both research and clinical work.
- Via theoretical studies and clinical courses, students have acquired advanced qualifications for understanding, analysing and communicating the nature of logopedic and any other types of information both in the context of research and in the profession of speech therapist.

#### **Linguistics and Phonetics study package**

The Linguistics and Phonetics study package will familiarize the students with the nature of language and speech as well as the systematic analysis and examination of various phenomena in normal as well as disordered language and speech.

#### **Psychology study package**

The Psychology study package familiarizes the students with human psychological development and functions and with related disorders.

#### **Medicine study package**

The Medicine study package familiarizes the students with the main principles of human physiological structures and functions. Students learn to understand how different kinds of disabilities and disorders are related to logopedic diagnostics and rehabilitation.

### **COURSES**

The degree programme progresses in the form of thematic focuses (content unit) and modules (time unit).

#### *Scientific thought and logopedics skills thematic focus*

The thematic focus of scientific thought is present in all courses in the Logopedics programme. The central aim of the theme is to provide students with an overall understanding of the research methodologies and academic discourse in

the subject of logopedics and in related fields. Students should acquire efficient skills in retrieving and producing information as well as the adequate skills for presenting results. They must learn to adopt a critical approach to all presented information and assimilate ethical working methods in their studies and research. Students should also be able to recognize information that is relevant to their research and be able to unite different contents into a structured unity that can be integrated into independently produced knowledge and clinical work when needed.

This focus, along with other aspects, provides the students with the qualifications for furthering their studies, specialization and for postgraduate studies. The scientific and methodological theme also provides students with the skills to work successfully in working life. These skills include the critical thinking approach in clinical work and skills to work as experts and instructors.

*Logopedics / Communication development and disorders thematic focus*

### **Module 1 / Development of Language, Speech and Communication**

The Language, Speech and Communication module provides the students with a general overview of the development of normal language, speech and communication as well as an outline of the factors which influence them. By providing an understanding of the normal structures of language and communication skills, the courses create a basis for examining disorders in the development of language and speech. In addition, the module deals with questions concerning bi- and multilingualism.

<b>Module I</b>	<b>Logopedics</b>	<b>Medicine</b>
-----------------	-------------------	-----------------

	Socialization of the Language Community (3 ECTS credits)	
--	---	--

	Stages of Language Development (5 ECTS credits)	
--	--	--

	Bi- and Multilingual Acquisition (2 ECTS credits)	
--	--	--

### **Module II / Communication Disorders in Children**

In the Communication Disorders in Children module, students learn to recognize delays and characteristic anomalies in development as well as how to apply information in clinical contexts such as diagnosing different communication disorders and planning rehabilitation and when considering the effectiveness of rehabilitation.

<b>Module II</b>	<b>Logopedics</b>	<b>Medicine</b>
------------------	-------------------	-----------------

	Delayed Language and Speech Development (5 ECTS credits)	
--	---	--

		Child Neurology (1 ECTS credit)
--	--	------------------------------------

	Mental Retardation and Autism (5 ECTS credits)	
--	---	--

Neurological Communication Disorders in Children (4 ECTS credits)

Disorders of Written Language (3 ECTS credits)

Clinical Demonstrations of Speech and Language Therapy

### **Module III / Hearing and Communication**

In this module, students integrate the contents of courses in Medicine and Phonetics in the assessment and rehabilitation of communication problems connected with hearing defects. The tools and ability to use assessment methods in evaluation of communication, speech and written language learned in earlier courses as well as the knowledge and skills concerning speech therapeutic rehabilitation gained in various modules are applied in practise in the rehabilitation of hearing-impaired children and adults.

<b>Module III</b>	<b>Logopedics</b>	<b>Medicine</b>
	Speech and Language Therapy in Hearing Impairments (4 ECTS credits)	Ear-Nose-and-Throat Diseases and Corrective Surgery (1.5 ECTS credits)
	Clinical Demonstrations of Speech and Language Therapy	Audiology and Audiometrics (1.5 ECTS credits)

### **Module IV / Voice Use and Fluency of Speech**

The Voice Use and Fluency of Speech module familiarizes the students with normal voice production, fluency of speech and evaluation of these factors in communication. Students gain an understanding of functional and anatomical deficiencies of speech from both a theoretical and rehabilitative perspective. The Disorders of Fluency course introduces the students to stuttering and slurring as well as with the rehabilitation principles of these disorders.

<b>Module IV</b>	<b>Logopedics</b>	<b>Medicine</b>
	Voice and Voice Disorders (5 ECTS credits)	Medical Examination and Intervention in Voice Disorders (1 ECTS credit)
	Disorders of Fluency (3 ECTS credits)	
	Clinical Demonstrations of Speech and Language Therapy	

## Module V / Neurological Communication Disorders in Adults

In this module, students acquire knowledge necessary for working life and research concerning communication disorders and swallowing problems caused by various acute or progressive brain diseases and disorders and by brain injury as well as knowledge regarding changes in communication caused by ageing.

Module V	Logopedics	Medicine
	Aphasiology and Gerontological Logopedics (6 ECTS credits)	Neurology and Neuroanatomy (3 ECTS credits)
	Motor Speech Disorders and Dysphagia (6 ECTS credits)	Geriatrics (1 ECTS credit)
	Clinical Demonstrations of Speech and Language Therapy	

### *Logopedics Methodology thematic focus*

The Methodology theme provides the elementary qualifications for clinical work and familiarizes students with the methods used in evaluation and conducting of scholarly research.

### *Clinical Skills in Logopedics thematic focus*

The Clinical Skills theme provides the students, as the studies progress, with the qualifications required to work as speech therapists. During their training, students become familiar with the ethics and multiplicity of work concerning the profession of the speech therapist.

### *Linguistic and Phonetics and Language and Communication Studies thematic focus*

The Linguistics and Phonetics theme aims to provide the students with a basic understanding of the nature of language and speech as well as with skills to systematically analyse and examine and scientific phenomena in normal and disordered language and speech.

### *Psychology thematic focus*

The courses in psychology aim to provide the students with an understanding of human psychological development and function as well as with disorders related to these.

### *Medicine thematic focus*

The courses in medicine aim to provide the students with knowledge of the main principles of human physiological structures and functions. Students learn to understand how different kinds of disabilities and disorders are related to logopedic diagnostics and rehabilitation.

### *Elective studies*

Elective studies support the studies in the Logopedics programme and supplement the student's understanding of the relationship between logopedics and various other fields.

#### **Subsidiary (minor) Studies in Logopedics (25 ECTS credits)**

- 694700P Introduction to Logopedics (6 ECTS credits) Autumn
- 694754P Socialization of the Language Community (3 ECTS credits) Autumn
- 694702P Stages of Language Development (5 ECTS credits) Autumn
- 694704P Assessment of Language and Speech Development I \* (2 ECTS credits) Spring
- 694764P Fostering Linguistic Awareness (3 ECTS credits) Spring
- 694738P Introduction to Phonetics and Finnish Phonology and Morphology (4 ECTS credits) Autumn
- 694766P Anatomy and Physiology of Speech Organs (1 ECTS credit) Spring
- 694767P Orthodontics (1 ECTS credit) Spring

*\* Assessment method is different from that of the major subject students*

#### **Major in Logopedics (213 ECTS credits)**

##### **Basic Studies in Logopedics (25 ECTS credits)**

- 694753Y Personal Study Plan 1 (Logopedics), (0 ECTS credits) 1<sup>st</sup> autumn
- 694700P Introduction to Logopedics (6 ECTS credits) 1<sup>st</sup> autumn
- 694754P Socialization of the Language Community (3 ECTS credits) 1<sup>st</sup> autumn
- 694702P Stages of Language Development (5 ECTS credits) 1<sup>st</sup> autumn
- 694703P Bi- and Multilingual Acquisition (2 ECTS credits) 1<sup>st</sup> spring
- 694704P Assessment of Language and Speech Development I (2 ECTS credits) 1<sup>st</sup> spring
- 694705P Basics of Sign Language (1 ECTS credit) 1<sup>st</sup> spring
- 694764P Fostering Linguistic Awareness (3 ECTS credits) 1<sup>st</sup> spring
- 694765P Tutor Group in Linguistic Awareness (3 ECTS credits) 2<sup>nd</sup> autumn

##### **Intermediate Studies in Logopedics (78 ECTS credits)**

- 694707A Research Methodology and Ethics in Logopedics I (4 ECTS credits) 3<sup>rd</sup> autumn
- 694708A Basic Seminar in Logopedics and Bachelor's Thesis (10 ECTS credits) 3<sup>rd</sup> autumn–spring
- 694709A Delayed Language and Speech Development (5 ECTS credits) 2<sup>nd</sup> autumn
- 694710A Mental Retardation and Autism (5 ECTS credits) 2<sup>nd</sup> autumn

- 694711A Neurological Communication Disorders in Children (5 ECTS credits) 3<sup>rd</sup> autumn
- 694712A Disorders of Written Language (3 ECTS credits) 2<sup>nd</sup> spring
- 694713A Speech and Language Therapy in Hearing Impairments (4 ECTS credits) 3<sup>rd</sup> spring
- 694714A Voice and Voice Disorders (5 ECTS credits) 2<sup>nd</sup> spring
- 694715A Disorders of Fluency (3 ECTS credits) 1<sup>st</sup> spring
- 694716A Aphasiology and Gerontological Logopedics (6 ECTS credits) 3<sup>rd</sup> autumn
- 694717A Motor Speech Disorders and Dysphagia (6 ECTS credits) 3<sup>rd</sup> spring
- 694718A Assessment in Logopedics II (2 ECTS credits) 3<sup>rd</sup> spring
- 694719A Augmentative and Alternative Communication (3 ECTS credits) 2<sup>nd</sup> spring
- 694720A Introduction to Statistical Analysis (3 ECTS credits) 2<sup>nd</sup> autumn or 2<sup>nd</sup> spring
- 694721A Introduction to Clinical Practice and Professional Ethics I (2 ECTS credits) 2<sup>nd</sup> autumn
- 694722A Clinical Demonstrations of Speech and Language Therapy (3 ECTS credits) 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year
- 694723A Supervised Speech and Language Therapy I (8 ECTS credits) 2<sup>nd</sup> and 3<sup>rd</sup> year
- 694724A Maturity Test (for Candidate's Degree/Logopedics), (0 ECTS credits) 3<sup>rd</sup> spring
- 694751P Research in Rehabilitation \*\* (1 ECTS credit) 2<sup>nd</sup> or 3<sup>rd</sup> year
- 694758Y Personal Study Plan 2 (Logopedics), (0 ECTS credits) 3<sup>rd</sup> spring

*\*\* The course is held every second year*

### **Advanced Studies in Logopedics (110 ECTS credits)**

- 694759Y Personal Study Plan 3 (Logopedics), (0 ECTS credits) 4<sup>th</sup> autumn
- 694725S Advanced Topics in Logopedics (7 ECTS credits) 4<sup>th</sup> autumn and 4<sup>th</sup> spring
- 694726S Presentation on Field of Expertise (1 ECTS credit) 4<sup>th</sup> autumn or 4<sup>th</sup> spring or 5<sup>th</sup> autumn
- 694727S Research Methodology and Ethics in Logopedics II (6 ECTS credits) 4<sup>th</sup> autumn–spring
- 694760S Advanced Seminar in Logopedics I (3 ECTS credits) 4<sup>th</sup> autumn–spring
- 694761S Advanced Seminar in Logopedics II (3 ECTS credits) 4<sup>th</sup> spring and 5<sup>th</sup> autumn
- 694730S Master's Thesis (40 ECTS credits) 4<sup>th</sup> spring–5<sup>th</sup> autumn
- 694731S Advanced Literature in Logopedics (8 ECTS credits) 5<sup>th</sup> spring
- 694732S Advanced Course in Statistical Analysis (3 ECTS credits) 4<sup>th</sup> spring
- 694763S Introduction to Clinical Practice and Professional Ethics II (2 ECTS credits) 4<sup>th</sup> autumn and/or 4<sup>th</sup> spring
- 694734S Supervised Speech and Language Therapy II (8 ECTS credits) 3<sup>rd</sup>–4<sup>th</sup> year
- 694735S Clinical Orientation (5 ECTS credits) 4<sup>th</sup> autumn
- 694736S Advanced Clinical Studies (24 ECTS credits) 5<sup>th</sup> spring
- 694737S Maturity Test (for Master's Degree/Logopedics), (0 ECTS credits)



**SUBSIDIARY (MINOOR) STUDIES:****Linguistics and Phonetics (22 ECTS credits)**

- 694926Y Structure of Finnish (3 ECTS credits) 1<sup>st</sup> autumn
- 694738P Introduction to Phonetics and Finnish Phonology and Morphology (4 ECTS credits) 1<sup>st</sup> autumn
- 694739P Production and Structure of Speech (3 ECTS credits) 2<sup>nd</sup> spring
- 694740P Research Course in Clinical Phonetics (5 ECTS credits) 2<sup>nd</sup> spring and 3<sup>rd</sup> autumn
- 695252P Psycholinguistics (3 ECTS credits) 3<sup>rd</sup> autumn
- 695250Y Introduction to General Linguistics (4 ECTS credits) 1<sup>st</sup> autumn

**Studies in Psychology (25 ECTS credits)**

- 730085P Introduction to Psychology (3 ECTS credits) 1<sup>st</sup> autumn
- 730086P Developmental Psychology I (4 ECTS credits) 1<sup>st</sup> spring
- 730090P Introduction to Cognitive Neuroscience (5 ECTS credits) 2<sup>nd</sup> autumn
- 730092A Clinical Neuropsychology (5 ECTS credits) 2<sup>nd</sup> autumn
- 730093A Mental Disorders (4 ECTS credits) 2<sup>nd</sup> autumn
- 730095A Developmental Psychology II (4 ECTS credits) 2<sup>nd</sup> spring

**Studies in Medicine (15 ECTS credits)**

- 694766P Anatomy and Physiology of Speech Organs (1 ECTS credit) 1<sup>st</sup> spring
- 694767P Orthodontics (1 ECTS credit) 1<sup>st</sup> spring
- 694742P Medical Examination and Intervention in Voice Disorders (1 ECTS credit) 2<sup>nd</sup> autumn or 2<sup>nd</sup> spring
- 694743P Medical Examination and Intervention in Craniofacial Disorders\*\* (1 ECTS credits) 2<sup>nd</sup> spring or 3<sup>rd</sup> spring
- 694745P Ear-Nose-and-Throat Diseases and Corrective Surgery (1.5 ECTS credits) 1<sup>st</sup> spring
- 694746P Audiology and Audiometrics (1.5 ECTS credits) 3<sup>rd</sup> autumn
- 694747P Child Neurology (1 ECTS credit) 2<sup>nd</sup> spring
- 694748P Neurology and Neuroanatomy (3 ECTS credits) 2<sup>nd</sup> autumn or 2<sup>nd</sup> spring
- 694749P Psychiatry Across the Lifespan \*\* (3 ECTS credits) 1<sup>st</sup> spring or 2<sup>nd</sup> spring
- 694750P Geriatrics \*\* (1 ECTS credit) 2<sup>nd</sup> or 3<sup>rd</sup> year

*\*\* The course is held every other year*

**Elective Studies (10 ECTS credits) (MA)**

694752S Optional Studies in Logopedics (1–10 ECTS credits)

### **Language and Communication Studies (15 ECTS credits)**

Foreign Language (5 ECTS credits) 1<sup>st</sup> autumn

Finnish/Swedish (5 ECTS credits) 3<sup>rd</sup> autumn

Written and Oral Communication (5 ECTS credits) 1<sup>st</sup> spring

## **Tutkintorakenteet**

Tutkintorakenteen tila: published

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

### **Advanced Studies (120 - 130 op)**

A110503: Logopedics, advanced studies, 80 - 110 op

*e*

694759Y: Personal Study Plan 3 (Master's degree), 0 op

694725S: Advanced Topics in Logopedics, 7 op

694726S: Presentation on expertise field, 1 op

694727S: Research methodology and ethics in logopedics II, 6 op

694760S: Advanced seminar in logopedics I, 3 op

694761S: Advanced seminar in logopedics II, 3 op

694730S: Master's thesis, 40 op

694731S: Advanced literature in logopedics, 8 op

694732S: Advanced Course in Statistical Analysis, 3 op

694763S: Clinical practice and professional ethics II, 2 op

694734S: Supervised speech and language therapy II, 8 op

694735S: Clinical orientation, 5 op

694736S: Advanced clinical studies, 24 op

694737S: Maturity Test (for Master's Degree/Logopedics), 0 op

### **Optional Studies (10 - 20 op)**

Tutkintorakenteen tila: published

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

### **Language and Communication Studies (15 op)**

902001Y: Academic Communication, 3 op

010100Y: Orientation Course for New Students, 0 op

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

901000Y: Second Official Language (Swedish), 5 op

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

## Basic Studies (25 op)

A110501: Logopedics, basic studies, 25 op

*e*

- 694753Y: Personal Study Plan 1 (Bachelor's degree), 0 op
- 694700P: Introduction to Logopedics, 6 op
- 694754P: Development of Language and Communication: Socialisation into the Language Community, 3 op
- 694702P: Stages of language development, 5 op
- 694703P: Bi- and multilingual acquisition, 2 op
- 694704P: Assessment in logopedics I, 2 op
- 694705P: Basics of sign language, 1 op
- 694764P: Enrichment of linguistic awareness, 3 op
- 694765P: Tutoring of linguistic awareness group, 3 op

## Intermediate Studies (vähintään 45 op)

A110502: Logopedics, intermediate studies, 45 - 89 op

*e*

- 694708A: Research in Logopedics I: Basic Seminar and Bachelor's Thesis, 10 op
- 694724A: Maturity Test (for Bachelor's Degree/Logopedics), 0 op

*e1*

- 694707A: Research methodology and ethics in logopedics I, 4 op
- 694709A: Delayed language and speech development, 5 op
- 694710A: Mental retardation and autism, 5 op
- 694711A: Neurological communication disorders in children, 5 op
- 694712A: Disorders of written language, 3 op
- 694713A: Speech and language therapy in hearing impairments, 4 op
- 694714A: Disorders in the Communication of Adults I: Voice and Voice Disorders, 5 op
- 694715A: Disorders of fluency, 3 op
- 694716A: Aphasiology and gerontology, 6 op
- 694717A: Motor speech disorders and dysphagia, 6 op
- 694718A: Assessment in logopedics, 2 op
- 694719A: Augmentative and alternative communication, 3 op
- 694720A: Introduction to Statistical Analysis, 3 op
- 694721A: Clinical practice and professional ethics I, 2 op
- 694722A: Clinical demonstrations of speech and language therapy, 3 op
- 694723A: Supervised speech and language therapy I, 8 op
- 694751P: Research in rehabilitation, 1 op
- 694758Y: Personal Study Plan 2 (Bachelor's degree), 0 op

## Linguistics and Phonetics

- 694739P: Acoustics of Speech Production, 3 op
- 694738P: General Phonetics and Finnish Phonology, 4 op
- 695250Y: Introduction to General Linguistics, 4 op
- 695252P: Psycholinguistics, 3 op
- 694740P: Research course in clinical phonetics, 5 op
- 694926Y: Structure of Finnish, 3 op

## Psychology

- 730092A: Clinical Neuropsychology, 5 op
- 730099A: Cognitive Neuroscience, 5 op
- 730100P: Introduction to Clinical Psychology, 5 op
- 730098P: Introduction to Cognitive Psychology and Neuropsychology, 5 op
- 730097P: Introduction to Developmental Psychology, 5 op

## Medicine

694766P: Anatomy and Physiology of the Speech Organs, 1 op  
 694746P: Audiology and audiometrics, 2 op  
 694747P: Child neurology, 1 op  
 694750P: Geriatrics, 1 op  
 694743P: Medical examination and intervention in craniofacial disorders, 1 op  
 694742P: Medical examination and intervention in voice disorders, 1 op  
 694748P: Neurology and neuroanatomy, 3 op  
 694767P: Orthodontics, 1 op  
 694745P: Otorhinolaryngology and plastic surgery, 1 op  
 694749P: Psychiatry across the life-span, 3 op

## Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

694752S: Optional Studies in logopedics, 1 - 10 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

#### **A110503: Logopedics, advanced studies, 80 - 110 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Matti Lehtihalmes

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

*e*

#### **694759Y: 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 credit

**Language of instruction:**

Finnish

**Timing:**

The end of the 4rd Autumn

**Learning outcomes:**

The student presents updated study plan in order to complete Master's degree

**Learning activities and teaching methods:**

The discussion in Advanced seminar in logopedics I

**Assessment methods and criteria:**

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

**Grading:**

Pass

**Person responsible:**

University lecturer or Professor

**694725S: Advanced Topics in Logopedics, 7 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

7

**Language of instruction:**

Finnish

**Timing:**

4th Autumn and Spring

**Learning outcomes:**

By the end of the course, the student is able to integrate knowledge from various fields in logopedic research.

**Contents:**

Various special short courses in logopedics

**Mode of delivery:**

Contact teaching or self study

**Learning activities and teaching methods:**

Lectures and coursework

**Target group:**

Logopedics students

**Recommended optional programme components:**

None

**Recommended or required reading:**

Information on recommended reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Coursework or essay

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

**Grading:**

pass/fail

**Person responsible:**

Professor

**Working life cooperation:**

No

**694726S: Presentation on expertise field, 1 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

1

**Language of instruction:**

Finnish

**Timing:**

4th Autumn / 4th Spring / 5th Autumn

**Learning outcomes:**

By the end of the course, the student is able to prepare and give a presentation on a field of expertise in Logopedics.

**Contents:**

Oral and written presentation on a special theme in Logopedics

**Mode of delivery:**

Self study

**Learning activities and teaching methods:**

Oral and written presentation on a special theme in Logopedics

**Target group:**

Logopedics students

**Recommended optional programme components:**

None

**Assessment methods and criteria:**

Oral and written presentation

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

**Grading:**

Pass/fail

**Person responsible:**

Lecturer or Amanuensis

**Working life cooperation:**

No

**694727S: Research methodology and ethics in logopedics II, 6 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6

**Language of instruction:**

Finnish

**Timing:**

4th Autumn

**Learning outcomes:**

By the end of the course, the student can describe and explain the special features, focuses, methodology, and ethical issues in the research of Logopedics.

**Contents:**

Special features, focuses, methodology, and ethical issues in the research of Logopedics.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and literature

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Requires successful completion of: Introduction to Statistical Analysis, Research Methodology and Ethics in Logopedics I, Basic Seminar in Logopedics and BA Thesis.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Schiavetti, N. & Metz, D. (1997). Evaluating Research in Communicative Disorders (3<sup>rd</sup> edition).

**Assessment methods and criteria:**

Lectures: 80% attendance required, written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

### **694760S: Advanced seminar in logopedics I, 3 op**

**Voimassaolo:** 01.08.2009 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

4th Autumn and 4th Spring

**Learning outcomes:**

By the end of the course, the student can describe and explain the various steps of the research process and explain the theoretical background of his or her study.

**Contents:**

Definition of the main concepts, previous research, methodology and results in the student's subject of study. Knowledge of the key scholars in the area of his or her study.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Seminar, oral and written presentation, independent work.

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Statistical Analysis, Research Methodology and Ethics in Logopedics I and II, Basic Seminar in Logopedics and BA Thesis required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Information on reading materials can be obtained from the lecturer.

**Assessment methods and criteria:**

Seminar: 80% attendance required, oral and written presentation  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/fail

**Person responsible:**

Professor

**Working life cooperation:**

No

**694761S: Advanced seminar in logopedics II, 3 op**

**Voimassaolo:** 01.08.2009 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

5<sup>th</sup> Autumn

**Learning outcomes:**

By the end of the course, the student can plan and write a literature review based on his or her MA thesis using scientific methods. He or she can evaluate the scientific texts of other students.

**Contents:**



Presentation of the literature review of the study. Critical evaluation of the oral and written presentations of other students.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Seminar, oral and written presentation of the theoretical background of the MA thesis and critical evaluation of the texts of other students

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Statistical Analysis, Research Methodology and Ethics in Logopedics I and II, Basic Seminar in Logopedics and BA Thesis required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Seminar (80% attendance required), oral and written presentation of the theoretical background of the MA thesis and critical evaluation of the texts of other students.

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

**694730S: Master's thesis, 40 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Diploma thesis

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

40

**Language of instruction:**

Finnish, Swedish, English

**Timing:**

4th Spring - 5th Autumn

**Learning outcomes:**

After finishing the MA Thesis, the student can critically analyse previous research, design and complete an empirical study using appropriate methodology and write a MA thesis using the proper scientific style.

**Contents:**

Supervised preparation of the MA Thesis on a subject approved by the instructor.

**Mode of delivery:**

Contact teaching or self study

**Learning activities and teaching methods:**

Research under supervision

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Statistical Analysis, Research Methodology and Ethics in Logopedics I and II, Basic Seminar in Logopedics and BA Thesis, Advanced Seminar in Logopedics I and II courses required.

**Recommended or required reading:**

None

**Assessment methods and criteria:**

Thesis work

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

**Grading:**

0-5

**Person responsible:**

Professors

**Working life cooperation:**

No

**694731S: Advanced literature in logopedics, 8 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

8

**Language of instruction:**

Finnish or English

**Timing:**

5th Autumn/5th Spring

**Learning outcomes:**

For a written exam, the student must be able to evaluate scientific literature and choose three advanced books from three different areas of Logopedics. After the written exam, the student can explain his or her opinions and judge and integrate the scientific literature, research and rehabilitation.

**Contents:**

Three advanced books from different areas of Logopedics. Issues of children and adults must be included.

**Mode of delivery:**

Self study

**Learning activities and teaching methods:**

Written examination on selected readings (to be agreed with the professor)

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

BA degree, Intermediate Studies in Logopedics required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Selected readings

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

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

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

4th Spring

**Learning outcomes:**

By the end of the course, the student is able to explain the basics of statistical deduction and methods applicable for logopedic data. In addition, the student can critically judge studies where statistical methods are used. The student will be familiar with statistical data processing and analysis using SPSS analysis software.

**Contents:**

The basics of statistical deduction and methods, statistical data processing and analysis using SPSS analysis software.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Statistical Analysis course required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture material. Information on reading materials can be obtained from the lecturer.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

**694763S: Clinical practice and professional ethics II, 2 op****Voimassaolo:** 20.09.2010 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

2

**Language of instruction:**

Finnish

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

By the end of the course, the student is able to analyse the work of speech and language therapists and related ethical questions concerning the professions. The student is able to analyse interaction situations between the client and her/his community and the phenomenon of group dynamics. In addition, the student learns to reflect on her/his professional growth.

**Contents:**

Many aspects of the work of the speech and language therapist, professional interaction and professional growth

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, training and learning tasks

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Clinical Practice and Professional Ethics I, Supervised Speech and Language Therapy (I, II) and Clinical Orientation courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Information on reading materials can be obtained from the lecturer.

**Assessment methods and criteria:**

Lectures, training and learning tasks: 80% attendance required  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/fail

**Person responsible:**

University teacher or lecturer

**Working life cooperation:**

No

**694734S: Supervised speech and language therapy II, 8 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

8

**Language of instruction:**

Finnish

**Timing:**

3rd - 4th year

**Learning outcomes:**

By the end of the course the student is able to plan and carry out speech and language therapy. In addition, the student can analyze speech and language therapy process and herself/himself as a clinician

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Supervised treatment of two clients with communication disorders

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Requires successful completion of: Clinical Practice and Professional Ethics I, The Development of Language, Speech and Communication Module, Enrichment of Linguistic Awareness, Tutoring of Linguistic Awareness Group, Assessment in Logopedics I, Assessment in Logopedics II, Augmentative and Alternative Communication; additionally the relevant courses in logopedics

**Recommended optional programme components:**

None

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Supervised treatment, written reports

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

0-5

**Person responsible:**

University Teachers and Lecturers

**Working life cooperation:**

No

**694735S: Clinical orientation, 5 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

4th Autumn

**Learning outcomes:**

By the end of Clinical Orientation, the student can explain basic duties of speech and language therapists including interprofessional teamwork in different clinical settings.

**Contents:**

Observation of the basic duties of speech and language therapists. Interprofessional teamwork.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Active attendance and coursework

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

All basic and intermediate courses in Logopedics arranged prior to Clinical Orientation as well as studies in the Medicine programme.

**Recommended optional programme components:**

None

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Active attendance and coursework

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

**Grading:**

Pass/fail

**Person responsible:**

Amanuensis

**Working life cooperation:**

No

### **694736S: Advanced clinical studies, 24 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

24

**Language of instruction:**

Finnish

**Timing:**

5th Spring

**Learning outcomes:**

By the end of Advanced clinical studies, the student is able to work independently as a speech and language therapist. She/he is able to assess communication disorders and plan and carry out their rehabilitation including counselling family and community members. The student is able to work as an active member of an interprofessional team.

**Contents:**

Practice at a clinic.

**Mode of delivery:**

Contact teaching (work practice)

**Learning activities and teaching methods:**

Supervised four months' practice at a clinic offering speech and language therapy services in social and health care or school settings

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of all studies in linguistics and phonetics, psychology and medicine included in the programme. Advanced topics in Logopedics, Presentation on Expertise Field, Clinical Practice and Professional Ethics II, Supervised Speech and Language Therapy II, Clinical Orientation courses required as well.

**Recommended optional programme components:**

None

**Recommended or required reading:**

None

**Assessment methods and criteria:**

A written report.

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

**Grading:**

0-5 (70 % clinical supervisor, 30 % written report).

**Person responsible:**

Lecturer

**Working life cooperation:**

Yes; see Learning activities and teaching methods.

**694737S: Maturity Test (for Master's Degree/Logopedics), 0 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

0

**Language of instruction:**

Finnish or Swedish (mother tongue)

**Timing:**

5th year

**Learning outcomes:**

The student is able to explain the main concepts, methods, results and conclusions of her/his thesis in professional style

**Mode of delivery:**

Self study

**Learning activities and teaching methods:**

Written abstract of the thesis

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Master Thesis is under review

**Recommended optional programme components:**

None

**Assessment methods and criteria:**

Written abstract of the thesis

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

pass, fail

**Person responsible:**

Supervisor of the thesis

**Working life cooperation:**

No

**902001Y: Academic Communication, 3 op****Voimassaolo:** 01.08.1995 -**Opiskelumuoto:** Language and Communication Studies**Laji:** Course**Vastuuyksikkö:** Language Centre**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** English**Proficiency level:**[B2/C1](#) (on the CEFR scale)**Status:**

Obligatory foreign language course for Humanities Faculty students who choose English as their foreign language.

**Required proficiency level:**

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

**ECTS Credits:**

3 op / 3 ECTS credits - The student workload is 80 hours of work

**Language of instruction:**

English

**Timing:**After completion of *902000Y Reading for Academic Purposes in the Humanities*.

<b>Logopedics</b>	<i>own group</i>
<b>Anthropology / Archaeology / Sami Culture</b>	<i>own group</i>
<b>History / History of Science and Ideas</b>	<i>own group</i>
<b>Mixed audience groups:</b> <i>Finnish Language</i> <i>History</i> <i>History of Science &amp; Ideas</i>	<i>First year spring, 3 groups</i>



Information Studies  
Literature  
Nordic Philology  
Sami Language

**Learning outcomes:**

In *Academic Communication*, you will focus on developing your academic communication skills in English. The course will enable you to follow developments in your own field and get along in an international, intercultural environment at an at least B2 level of proficiency.

**Learning outcomes:** By the end of the course, you are expected

- to have extended your language, culture and communication skills at a B2-C1 CEFR level in accordance with your own professional and personal needs
- to have demonstrated your use of appropriate strategies and techniques for communicating effectively in English in an academic context
- to have demonstrated the ability to present field-related subjects and use general academic and field-related vocabulary in spoken and written tasks
- to have demonstrated understanding the influence of intercultural considerations on professional language and communication

**Contents:**

Skills in listening, speaking, and giving presentations are practiced in the course. Homework tasks include reading, listening and writing tasks for purposes of topic research in preparation for classroom discussions.

**Mode of delivery:**

Contact Teaching

**Learning activities and teaching methods:**

80 hours of student work including regular weekly class attendance and homework.

**Target group:**

Students of the Faculty of Humanities

**Prerequisites and co-requisites:**

902000Y Reading for Academic Purposes in the Humanities (RAP-Hum)

**Recommended optional programme components:**

See 902000Y RAP-Hum, which is the prerequisite for this course.

**Recommended or required reading:**

These will be provided by the teacher and a copy fee will be charged.

**Assessment methods and criteria:**

You are required to participate regularly and actively in all contact teaching provided, complete all required coursework, and pass all set tests or exams.

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

**Grading:**

pass/fail

**Person responsible:**

Heather Kannasmaa

**Working life cooperation:**

-

**Other information:**

-

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

**Opiskelumuoto:** General Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Sievola, Oili Elina

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

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

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Language Centre

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

**Opintokohteen kielet:** English

**Proficiency level:**

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

**Status:**

Obligatory foreign language course for Humanities Faculty students who choose English as their foreign language and whose matriculation exam grade is lower than *laudatur* or *eximia cum laude approbatur*.

**Required proficiency level:**

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

**ECTS Credits:**

2 op / 2 ECTS (total work load 54 hours including classroom meetings)

**Language of instruction:**

English

**Timing:**

1st year students; autumn term (only)

Recommendation: BEFORE completion of *902001Y Academic Communication*

**Learning outcomes:**

The general aim is to be able to read more extensive academic - general or discipline-specific - texts with increased confidence and at sufficient speed and to process it critically. More specifically, the aim is to be able to read and understand main ideas of an academic text, scan sufficiently quickly for relevant details, and extract information from the readings.

**Learning outcomes:** By the end of the course, you are expected to be able to

- apply various reading skills to extract information and to learn content from English readings in academic and professional contexts
- express and summarize contents of text in your own words both orally and in written form with increased confidence
- demonstrate skills in critical reading
- identify how scientific text and academic articles are organized
- distinguish and recognize meaningful parts of academic vocabulary to infer meanings of words

**Contents:**

The course comprises discussion on skills and strategies for reading (*metaskills*), and demonstration of these skills in pair/group projects and presentations. In addition to this, the students will familiarize themselves and display sufficient academic vocabulary skills, word formation in particular.

While practicing the necessary metaskills the students perform detailed analysis of texts or journal articles in their own field of study.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

The scope of the course is 2 op, consisting of 23 contact hours, including class sessions and tutoring, and 30 hours' input of work by the student independently and in the study groups.

STAGE 1 (*Skills & Strategies for Reading*) and STAGE 3 (*Presentations & Discussion*) are *class sessions*

STAGE 2 (*Group Projects*) consists of tutored work in *study groups*

**Target group:**

Students of the faculty of Humanities

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

See 902001Y Academic Communication, which is taken AFTER completion of this course

**Recommended or required reading:**

These will be provided by the teacher and a copy fee will be charged. In addition some research materials will be retrieved by the student.

**Assessment methods and criteria:**

Student work is monitored primarily by *continuous assessment*. You are required to 1) participate regularly and actively in all contact teaching provided, and to complete all required coursework; 2) participate regularly and actively in pair /group work assignments; and 3) participate in the oral presentation of the field-specific pair/group project

work.

The course evaluation also includes demonstration of academic vocabulary skills and completion of all set tests or exams.

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

**Grading:**

pass/fail

**Person responsible:**

Heather Kannasmaa

**Working life cooperation:**

-

**Other information:**

-

## 901000Y: Second Official Language (Swedish), 5 op

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Language Centre

**Opintokohteen kielet:** Swedish

**Leikkaavuudet:**

ay901000Y Second Official Language (Swedish) (OPEN UNI) 5.0 op

**Proficiency level:**

B1/B2/C1

**Status:**

This course is compulsory to all students except those who have at least 25 ECTS credits of Swedish studies in their degrees. The language proficiency provided by the course unit is equivalent to the language proficiency required of a state official with an academic degree working in a bilingual municipality area (Act 424/03 and Decree 481/03).

According to the requirements of the law, the student must be able to use Swedish both orally and in writing in various professional situations. Achieving this kind of proficiency during a course unit that lasts for only one semester requires that the student has already achieved the necessary starting proficiency level prior to taking the course.

**Required proficiency level:**

The required starting proficiency level for students of all faculties is a grade of 7 or higher from the Swedish studies at secondary school (B-syllabus) or equivalent knowledge AND a passing grade from the proficiency test held at the beginning of the course. Based on this proficiency test the students are directed to brush up on their language skills with self-directed course units (901028Y På väg 1-3, ECTS credits) if it is deemed necessary; mastering basic vocabulary and grammar is a prerequisite to achieving the necessary language proficiency for the various communication situations one faces in professional life.

If a student has not completed Swedish studies (B-language) at secondary school with a grade of 7 or higher, or his/her language skills are otherwise lacking, he/she must achieve the required proficiency level BEFORE taking this compulsory Swedish course.

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Swedish

**Timing:**

Students of Information Studies (INFO), Art Studies and Anthropology (TAIDA) and Logopedics (LOGO), history and Finnish students in teacher education - autumn semester of the 3rd year of studies;

students of the Giellagas institute, History, Finnish - spring semester of the 3rd year of studies

students of English and German Philology - spring semester of the 1st year of studies.

**Learning outcomes:**

Upon completion of the course unit the student should be able to read and understand texts from his/her academic field and make conclusions based on them. The student should be able to write typical professional emails and short reports. He/she should be able to carry himself/herself according to Swedish etiquette when acting as host or guest. The student should also be able to discuss current events and special field-specific matters, use the vocabulary of education and plan and give short oral presentations relating to his/her own field.

**Contents:**

Communicative oral and written exercises, which aim to develop the student's Swedish proficiency in areas relevant to his/her academic field and future professional tasks. The student practises oral presentation and pronunciation.

Situational exercises done individually and in pairs and groups. Discussions in small groups. Current texts about the student's special field. Listening comprehension exercises. Written exercises relating to the student's professional field.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

2 x 90 minutes of contact teaching per week and related exercises, self-directed study, a total workload of 130 hours per course unit.

**Target group:**

Students of the Faculty of Humanities

**Prerequisites and co-requisites:**

See Required Proficiency Level

**Recommended optional programme components:**

-

**Recommended or required reading:**

Teacher will provide material subject to a small fee.

**Assessment methods and criteria:**

The course unit focuses on improving both oral and written language skills and requires active attendance and participation in exercises, which also require preparation time. 100% attendance is required. The course unit tests both oral and written language skills. Students participate in the teaching in either autumn semester or spring semester.

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

**Grading:**

Oral and written language proficiencies are tested separately and assessed using the so called KORU-criteria (publication of HAMK University of Applied Sciences, 2006). Separate grades will be awarded for the successful completions of both oral and written portions of the course unit: the possible passing grades are satisfactory skills and good skills (see language decree 481/03). The grades are based on continuous assessment and testing.

**Person responsible:**

See contact teachers

**Working life cooperation:**

-

**Other information:**

Students sign up for teaching in WebOodi. A student can only sign up for one teaching group intended for his / her field of study. When signing up in WebOodi, it is imperative that the student fills in the following information into the Further Information field: his/her email address, major subject and Swedish grades attained during secondary education. The student will be notified of a place in the course unit via email prior to the beginning of teaching.

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

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Language Centre

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

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

**Proficiency level:**

-

**Status:**

Compulsory (See below)

**Required proficiency level:**

-

**ECTS Credits:**

4 - 5 credits

**Language of instruction:**

Finnish

**Timing:**

-  
**Learning outcomes:**

-  
**Contents:**

-  
**Mode of delivery:**

-  
**Learning activities and teaching methods:**

**Students in the Faculty of Humanities** select their written and oral communication studies from the course units offered in the Communication Buffet in such a way that the selected course units include both written and oral studies. With most of the course units, the student has the option to choose between versions worth 2 credits or 3 credits; the student may choose to take a 3 credit written skills course and a 2 credit oral skills course - or vice versa - to form the required total amount of 5 credits. The student must discuss the additional assignments required for the 3 credit version with the teacher of the course unit in question. It is also possible to complete the communication studies with one course unit, which combines both oral and written studies and is worth 5 credits.

**Students of Saami Language and Saami Culture** complete the Communication Buffet course unit 900050Y-04 Scientific Communication (Tieteellinen viestintä) - 5 ECTS credits.

**Students in the Master's Degree Programme in Business Communication** may complete their communication studies by taking the course unit 900055Y Communication Skills in Business and Economic Life (Talouselämän viestintä)(3 ECTS credits) intended for students of Economics and one freely selectable course unit (2 ECTS credits) from the Communication Buffet.

**Faculty of Science**

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

**Target group:**

See above

**Prerequisites and co-requisites:**

-  
**Recommended optional programme components:**

-  
**Recommended or required reading:**

-  
**Assessment methods and criteria:**

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

**Grading:**

-  
**Person responsible:**

See Contact teachers of Languages and Communication

**Working life cooperation:**

-  
**Other information:**

## A110501: Logopedics, basic studies, 25 op

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Matti Lehtihalmes

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ayA110501 Logopedics as a subsidiary subject, basic studies (OPEN UNI) 25.0 op

**Assessment methods and criteria:**

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

e

**694753Y: 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 credit

**Language of instruction:**

Finnish

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

The student makes a study plan outlining their path to graduation

**Learning activities and teaching methods:**

Meetings with a tutor in groups and individually

**Target group:**

Logopedics students

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

Pass

**Person responsible:**

Amanuensis and tutors

**694700P: Introduction to Logopedics, 6 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay694700P Introduction to Logopedics (OPEN UNIV) 6.0 op

**ECTS Credits:**

6

**Language of instruction:**

Finnish

**Timing:**

1st Autumn

**Learning outcomes:**

By the end of the course, the student will be able to describe the basics of Logopedics and to explain its development into a science of communication disorders, as well as its connections to other disciplines. After this course, the student will be able to identify the main research areas, scientific literature and

information retrieval within Logopedics. Additionally, the student will be able to describe the typical disorders of language, speech and voice and the main principles of intervention and treatment.

**Contents:**

Development of logopedics as a science, connections to related sciences, disorders of speech, language and voice, duties of speech-language therapists in prevention, assessment and therapy

**Mode of delivery:**

Contact teaching and self study

**Learning activities and teaching methods:**

Lectures and independent work on essay assignments. Practical training in information retrieval

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

None

**Recommended or required reading:**

Literature: Scientific literature available

**Assessment methods and criteria:**

Essay

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

**694754P: Development of Language and Communication: Socialisation into the Language Community, 3 op**

**Voimassaolo:** 01.08.2009 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

1st Autumn

**Learning outcomes:**

By the end of the course, the student is able to explain how an infant integrates into the social world and, gradually through different developmental milestones, gains communicative and linguistic capacities to participate actively in interaction with the environment. The student is able to apply this information when considering delayed and deviant development.

**Contents:**

Theoretical approaches to the development of language and communicative skills, language development within the social interaction, the relations between the language and communicative development and the overall developmental outcomes of children

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, including video observation tasks, and also group assignments and essay writing

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

-

**Recommended or required reading:**

Hand-outs and literature. Information on reading materials can be obtained from the lecturer.

**Assessment methods and criteria:**

Group assignments, essay

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

**Grading:**

0-5

**Person responsible:**

Lecturer

**Working life cooperation:**

No

**694702P: Stages of language development, 5 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

1st Autumn

**Learning outcomes:**

By the end of the course, the student is able to list the essential developmental milestones of each stage of language. The student also obtains basic abilities to apply this information when considering developmental language and speech disorders

**Contents:**

Description of the normal development of the stages of language

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, including video observation tasks and analyses of transcribed examples of children's speech



**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

None

**Recommended or required reading:**

Hand-outs and literature: Kunnari, S. & Savinainen-Makkonen, T. (eds.), *Mistä on pienten sanat tehty – Lasten äänteellinen kehitys* (2004) (pp. 53–124); Loukusa, S. & Paavola, L. (eds.), *Lapset kieltä käyttämässä – Pragmaattisten taitojen kehitys ja sen häiriöt* (2011)(Part I)

**Assessment methods and criteria:**

Written examination on the basis of lectures and literature

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

**Grading:**

0-5

**Person responsible:**

Lecturer

**Working life cooperation:**

No

**694703P: Bi- and multilingual acquisition, 2 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2

**Language of instruction:**

Finnish

**Timing:**

1st Spring

**Learning outcomes:**

By the end of the course, the student is able to identify the basic elements of language acquisition in bi- and multilingual children, and the role of culture and language environment in language acquisition.

**Contents:**

Basic elements of language acquisition in bi- and multilingual children

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and workshops

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Socialization into the Language Community, Stages of Language Development courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials. Literature: Information on recommended reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Group work

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

**Grading:**

0-5

**Person responsible:**

Lecturer

**Working life cooperation:**

No

**694704P: Assessment in logopedics I, 2 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2

**Language of instruction:**

Finnish

**Timing:**

1st Spring

**Learning outcomes:**

By the end of the course, the student can label, select and apply the assessment methods of child language, speech and communication.

**Contents:**

The assessment methods of child language, speech and communication

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, exercises (80% attendance required) and practical training in a nursery setting (attendance 100%).

Subsidiary subject students take part in the teaching and exercises. A written report. An essay for subsidiary subject students

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

To be preceded by courses: Introduction to Logopedics, Socialization into the Language Community, Stages of Language Development

**Recommended optional programme components:**

-

**Recommended or required reading:**

Lecture material and manuals of the assessment methods

**Assessment methods and criteria:**

Required attendance, written report. Essay for subsidiary subject students.  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass / fail

**Person responsible:**

Lecturer

**Working life cooperation:**

Practical training in a nursery setting (attendance 100%). A written report. An essay for subsidiary subject students.

**Other information:**

Subsidiary subject students take part in the teaching and exercises.

**694705P: Basics of sign language, 1 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1

**Language of instruction:**

Finnish

**Timing:**

1st Spring

**Learning outcomes:**

By the end of the course, the student can identify the basic structure of Finnish sign language and show the most typical signs. In addition, the student can describe signs as an augmentative and alternative communication method in various client groups.

**Contents:**

Basic structure and use of Finnish sign language as a method of augmentative and alternative communication.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Teaching and practical training in signing

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

None

**Recommended or required reading:**

Information on recommended reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Active participation (100% attendance required), learning assignments  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/fail

**Person responsible:**

Lecturer

**Working life cooperation:**

No

**694764P: Enrichment of linguistic awareness, 3 op**

**Voimassaolo:** 01.08.2011 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> spring

**Learning outcomes:**

By the end of the course, the student is able to describe different kinds of methods used in the enrichment of linguistic awareness. In addition, the student can identify basic principles in group tutoring.

**Contents:**

Methods used in the enrichment of linguistic awareness. Basic principles in group tutoring

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, training, group assignments and written examination based on lectures

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Socialization into the Language Community, Stages of Language Development courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Hand-outs, exercise material and supplementary literature

**Assessment methods and criteria:**

Lectures, training: 80% attendance required, written examination  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/fail

**Person responsible:**

University teacher or university lecturer

**Working life cooperation:**

No

**694765P: Tutoring of linguistic awareness group, 3 op**

**Voimassaolo:** 01.08.2011 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> autumn

**Learning outcomes:**

By the end of the course, the student is able to apply different kinds of methods used in the enrichment of linguistic awareness. In addition, a student is able to apply the basic principles of group tutoring in practice.

**Contents:**

Using methods in the enrichment of linguistic awareness in a group of children

**Mode of delivery:**

Contact teaching and self study

**Learning activities and teaching methods:**

Practical training in nursery settings

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Socialization into the Language Community, Stages of Language Development and Enrichment of Linguistic Awareness courses required

**Recommended or required reading:**

Supplementary literature

**Assessment methods and criteria:**

Written report

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

**Grading:**

Pass/fail

**Person responsible:**

University teacher or university lecturer

**Working life cooperation:**

Practical training in nursery settings

## **A110502: Logopedics, intermediate studies, 45 - 89 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Matti Lehtihalmes

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

e

**694708A: Research in Logopedics I: Basic Seminar and Bachelor's Thesis, 10 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

10

**Language of instruction:**

Finnish

**Timing:**3<sup>rd</sup> autumn - 3<sup>rd</sup> spring**Learning outcomes:**

By the end of the course, the student is able to explain different phases of scientific study and analyse structures of scientific texts. The student can apply the basics of scientific writing. In addition, he/she is able to evaluate and analyse scientific information critically and is able to prepare her/his own thesis.

**Contents:**

The phases of scientific work, research plan and scientific writing

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, supervision, seminars including presentation and acting as an opponent and independent work.

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Statistical Analysis, Research Methodology and Ethics in Logopedics I courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Hand-outs, available scientific literature

**Assessment methods and criteria:**

Active participation in the seminar: 80% attendance required, thesis work  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

University teachers and lecturers

**Working life cooperation:**

No

**694724A: Maturity Test (for Bachelor's Degree/Logopedics), 0 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

0

**Language of instruction:**

Finnish or Swedish (mother tongue)

**Timing:**

3rd year

**Learning outcomes:**

The student is able to create an essay based on her/his thesis, which is acceptable both in terms of content and language.

**Mode of delivery:**

Self study

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Accepted Candidate's Thesis required.

**Recommended optional programme components:**

None

**Assessment methods and criteria:**

Written examination

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

**Grading:**

Pass/fail

**Person responsible:**

University teachers and lecturers

**Working life cooperation:**

No

*e1*

### **694707A: Research methodology and ethics in logopedics I, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

4 credits

**Language of instruction:**

Finnish

**Timing:**

3rd Autumn

**Learning outcomes:**

By the end of the course, the student can explain and analyse the basics and norms of scientific research, different kinds of research settings and methods, and she/he is able to assess the ethical demands of such research.

**Contents:**

The basics of scientific research, its norms, strategies and ethical requirements

**Learning activities and teaching methods:**

Lectures, literature and learning assignments

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Logopedics and Introduction to Statistical Analysis courses required.

**Recommended optional programme components:**

Introduction to Logopedics, Introduction to Statistical Analysis

**Recommended or required reading:**

Information on recommended reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Lectures: 80% attendance required, learning assignments

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

**Grading:**

Pass/fail

**Person responsible:**

Lecturer or university teacher

**694709A: Delayed language and speech development, 5 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2nd Autumn

**Learning outcomes:**

By the end of the course, the student is able to classify articulation disorders and identify delayed and deviant language and speech development. The student is able to plan an intervention programme for those difficulties and, under supervision, work as a clinician by applying different assessment and rehabilitation methods in a well-grounded manner. The student can explain the position of speech and language therapy in the multiprofessional field of rehabilitation.

**Contents:**

The characteristics of delayed and deviant language and speech development, assessment and rehabilitation

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**



Lectures, workshops and group assignments. Written examination on the basis of lectures and literature

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Logopedics, Socialization into the language community, Stages of language development courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Hand-outs and literature: Kunnari, S. & Savinainen-Makkonen, T. (eds.), *Mistä on pienten sanat tehty – Lasten äänteellinen kehitys* (2004)(pp. 149–193, 237–260)

**Assessment methods and criteria:**

Lectures, workshops: 80% attendance required, written examination  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

Lecturer

**Working life cooperation:**

No

**694710A: Mental retardation and autism, 5 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2nd Autumn

**Learning outcomes:**

By the end of the course, the student can identify specific features of disorders in language, communication and interaction of person with mental retardation and autism. The student is able to plan and apply various methods in rehabilitation of persons with mental retardation and autism.

**Contents:**

Assessment and principles of rehabilitation of a person with mental retardation and autism in speech and language therapy

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, training and exam based on lectures and course book

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Stages of Language Development, Socialization into the Language Communication required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials. Literature: Kerola, K., Kujanpää, S. & Timonen, T. (eds.), *Autismin kirjo ja kuntoutus* (2009); Loukusa, S. & Paavola, L. (eds.), *Lapset kieltä käyttämässä* (2011) (chapters 8, 15, 16, 18 and 19). Information on additional and recommended reading can be obtained from the lecturer. Availability of the course books can be checked via WebOodi.

**Assessment methods and criteria:**

Lectures, training: 80% attendance required, written examination  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

University teacher or lecturer

**Working life cooperation:**

No

**694711A: Neurological communication disorders in children, 5 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

3rd Autumn

**Learning outcomes:**

After the course, the student is able to explain the principles of etiology, differential diagnostics, and rehabilitation concerning neurological communication disorders in children. The student is able to analyse the effect of neurological and motor development on speech, language and communication, and can explain the principles and implementation of rehabilitation of feeding and speech motor skills. In addition, the student is able to identify various rehabilitation methods and is able to apply them in speech and language therapy.

**Contents:**

Assessment and principles of rehabilitation of neurological communication disorders in children

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, training sessions, workshops

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Requires successful completion of course on Child Neurology. Mental Retardation and Autism is also suggested as a prerequisite or supplementary course.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Hand-outs and literature

**Assessment methods and criteria:**

Lectures, training sessions: 80% attendance required, workshops, written examination  
 Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

Lecturer or university teacher

**Working life cooperation:**

No

**694712A: Disorders of written language, 3 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

2nd Spring

**Learning outcomes:**

After completing the course, the student is able to define the disorders of written language and their prevalence in different age groups, developmental disorders and illnesses. The student is able to analyse the effects of learning disabilities on cognitive development and performance. The student is able to apply the assessment methods of written language and is able to plan rehabilitation and intervention for these disorders.

**Contents:**

Disorders, assessment, and rehabilitation of written language

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, workshops, literature

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Logopedics, Socialization into the Language Community, Stages of Language Development, Delayed Language and Speech Development courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture and workshop material and literature: Ahonen, T. & Aro, T., Oppimisvaikeudet. Kuntoutus ja opetus yksilöllisen kehityksen tukena (1999) (pp.151–192) Jyväskylä: ATENA Kustannus; Takala, M. & Kontu, E., Lukivaikeudesta lukitaitoon (2006). Helsinki: Yliopistopaino. Information on additional and recommended reading can be obtained from the lecturer. Availability of the literature can be checked via WebOodi.

**Assessment methods and criteria:**

Lectures, workshops: 80% attendance required, written examination on the basis of lectures and literature  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

University teacher or lecturer

**Working life cooperation:**

No

**694713A: Speech and language therapy in hearing impairments, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

4

**Language of instruction:**

Finnish

**Timing:**

3rd Spring

**Learning outcomes:**

After passing the course, the student can define and describe the basic features in communication skills associated with hearing impairments at different ages. The student can analyse and interpret the aspects that affect communication skills. The student can plan and complete logopedic assessment and rehabilitation of persons with a hearing impairment.

**Contents:**

Basic features in communication skills associated with hearing impairments at different ages, their logopedic assessment and rehabilitation

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, workshops, written essays, written examination

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Prerequisites or parallel courses: Otorhinolaryngology and Plastic Surgery, Audiology and Audiometrics

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials and literature. Tye-Murray, N., Foundations of aural rehabilitation. Children, adults, and their family members. (2009)(3<sup>rd</sup> edition. Clifton Park, NY: Delmar Cengage Learning). The availability can be checked via WebOodi.

**Assessment methods and criteria:**

Lectures, workshops: 80% attendance required, written essays and examination

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

**Grading:**

0-5

**Person responsible:**

Lecturer

**Working life cooperation:**

No

**694714A: Disorders in the Communication of Adults I: Voice and Voice Disorders, 5 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2nd Spring

**Learning outcomes:**

By the end of the course, the student can explain the main features of normal voice production and voice disorders. Under supervision, the student is able to plan and carry out clinical examination and therapy on a client with a voice disorder.

**Contents:**

Normal voice and voice behaviour, voice disorders and their assessment and rehabilitation

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, workshops, individual and group assignments

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Speech Anatomy and Physiology, and also Medical Examination and Intervention in Voice Disorders courses required

**Recommended optional programme components:**

None

**Recommended or required reading:**

Hand-outs and literature: Boone, D. F., McFarlane, S. C., Von Berg, S. L. & Zraick, R. I., The voice and voice therapy (2010) **OR** Greene, M. & Mathieson, L., The voice and its disorders (2001)(pp. 119–656)

**Assessment methods and criteria:**

Lectures, workshops: 80% attendance required, individual and group assignments, written examination on the basis of literature.

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

**Grading:**

0-5

**Person responsible:**

Lecturer

**Working life cooperation:**

No

**694715A: Disorders of fluency, 3 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

4

**Language of instruction:**

Finnish

**Timing:**

1st Spring

**Learning outcomes:**

By the end of the course, the student is able to explain the features of disorders of fluency. The student can compare and analyse the theories underlying the fluency disorders. She/he can assess the fluency disorders and apply the knowledge to rehabilitation of the fluency disorders.

**Contents:**

Underlying theories of fluency disorders and their logopedic assessment and rehabilitation

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, workshops and learning assignments

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials. Information on recommended reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Lectures, workshops (80% attendance required), and learning assignments  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

Lecturer or university teacher

**Working life cooperation:**

No

**694716A: Aphasiology and gerontology, 6 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

6

**Language of instruction:**

Finnish

**Timing:**

3rd Autumn

**Learning outcomes:**

By the end of the course, the student can explain the neural processes behind aphasia, and is able to analyse the different forms of aphasia and their psychosocial effects. The student can select and carry out the main rehabilitation methods for the aphasic clients. The student is able to analyse the age-related changes in communication during the normal aging process, and is capable of distinguishing them from communication disorders connected with mild cognitive impairment or dementia.

**Contents:**

The neural processes behind aphasia, the different forms of aphasia and their psychosocial effects, and the main forms of rehabilitation. Changes in communicative skills and cognitive capacities resulting from aging and dementia

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, training and learning assignments.

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Neurology and Neuroanatomy course required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials and scientific literature available

**Assessment methods and criteria:**

Lectures, training (80% attendance required) and learning assignments. To be agreed with the lecturer. Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

Lecturer or university teacher

**Working life cooperation:**

No

**694717A: Motor speech disorders and dysphagia, 6 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6

**Language of instruction:**

Finnish

**Timing:**

3rd Spring

**Learning outcomes:**

By the end of the course, the student can explain the most important neural processes behind motor speech disorders and dysphagia, can identify the various disorders related to these processes and can apply this information in assessment and treatment of motor speech disorders and dysphagia.

**Contents:**

Neural processes related to speech and swallowing, disorders and treatment of motor speech and swallowing

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and learning journal

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Neurology and Neuroanatomy course required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Scientific literature available

**Assessment methods and criteria:**

Learning journal

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

### **694718A: Assessment in logopedics, 2 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**



2

**Language of instruction:**

Finnish

**Timing:**3<sup>rd</sup> Spring**Learning outcomes:**

After completing the course, the student is able to label, select and apply the assessment methods regarding language, speech, communication and swallowing in adults.

**Contents:**

The assessment methods of language, speech, communication and swallowing of adults

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, workshops, written reports of learning process

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Aphasiology and Gerontology, Motor Speech Disorders and Dysphagia courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture material and manuals of the assessment methods

**Assessment methods and criteria:**

Lectures, workshops (80% attendance required), written report  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/fail

**Person responsible:**

University teacher or lecturer

**Working life cooperation:**

No

**694719A: Augmentative and alternative communication, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

2nd Spring

**Learning outcomes:**

By the end of the course, the student is able to identify augmentative and alternative communication methods (AAC methods). She/he is able to compare the usage of different methods in different types of communication situations. Furthermore, the student can apply AAC methods flexibly to different ages and groups of people with constricted communication abilities. The student can also clarify the usage of AAC methods of the people in the environment/communication-community of the client.

**Contents:**

Augmentative and alternative communication methods and their usage

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, workshops, teamwork.

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Delayed Language and Speech Development, Mental Retardation and Autism courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Tezchner, S. & Martinsen, H., Johdatus puhetta tukevaan ja korvaavaan kommunikointiin (1999). Availability can be checked via WebOodi

**Assessment methods and criteria:**

Lectures, workshops: 80% attendance required, teamwork. Written examination based on lectures and literature

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

**Grading:**

0-5

**Person responsible:**

Lecturer or university teacher

**Working life cooperation:**

No

**694720A: Introduction to Statistical Analysis, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

2nd Autumn

**Learning outcomes:**

By the end of the course, the student can describe the planning of a quantitative study and the acquisition of observational data. The student will be able to describe the phenomena under investigation using tables, figures and parameters, and can summarize the fundamental principles of statistical inference.

**Contents:**

Planning of a quantitative study; acquisition of observational data; description of the phenomena under investigation using tables, figures and parameters; fundamental principles of statistical inference.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials. Information on recommended reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

**694721A: Clinical practice and professional ethics I, 2 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> Autumn

**Learning outcomes:**

After completing the course, the student is able to explain the significance of Finnish health care legislation from the viewpoint of speech therapy. The student is able to interpret professional ethical questions of the speech and language therapy. The student masters the basic skills of clinical practice in logopedics and is able to start training in the field. In addition, the student can recognize the professional profiles and sectors of speech therapists.

**Contents:**

Basics of clinical practice and the legislation of Finnish health care and professional ethics

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, workshops

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Introduction to Logopedics required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture and workshop material. Information on recommended reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Lectures, workshops: 80% attendance required

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

**Grading:**

Pass/fail

**Person responsible:**

University teacher or lecturer

**Working life cooperation:**

No

**694722A: Clinical demonstrations of speech and language therapy, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

2nd, 3rd and 4th year

**Learning outcomes:**

By the end of the course, the student is able to identify specific characteristics of various communication disorders and their rehabilitation.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Structured observation of therapy demonstrations carried out both by teachers and students, with post-session discussions and coursework on the observed cases

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Relevant courses in Logopedics

**Recommended optional programme components:**

None

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Coursework

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

Pass/fail

**Person responsible:**

Lecturers

**Working life cooperation:**

No

**694723A: Supervised speech and language therapy I, 8 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

8

**Language of instruction:**

Finnish

**Timing:**

2nd and 3rd year

**Learning outcomes:**

By the end of the course, the student is able to plan and carry out speech and language therapy. In addition, the student can independently analyse speech and language therapy processes as a clinician.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Supervised treatment of two clients with communication disorders

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Clinical Practice and Professional Ethics I, The Development of Language, Speech and Communication module, Enrichment of Linguistic Awareness, Tutoring of linguistic awareness groups, Assessment in logopedics I, AAC-methods; additionally a relevant course in logopedics

**Recommended optional programme components:**

None

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Supervised treatment, written reports

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

0-5

**Person responsible:**

University Teachers and Lecturers

**Working life cooperation:**

No

**694751P: Research in rehabilitation, 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:**

2<sup>nd</sup> Spring / 3<sup>rd</sup> Spring (the course is available every second year)

**Learning outcomes:**

By the end of course, the student is able to describe the Finnish rehabilitation organization and different fields in rehabilitation. She/he is able to define the concepts of rehabilitation research.

**Learning activities and teaching methods:**

Lectures and written examination.

**Target group:**

Logopedics students

**Recommended or required reading:**

Literature: Information on reading is available from the lecturer

**Assessment methods and criteria:**

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

**Grading:**

0-5

**Person responsible:**

Professor

**694758Y: 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 credit

**Timing:**

3rd year

**Learning outcomes:**

The student presents an updated study plan in preparation for the Candidate's degree.

**Learning activities and teaching methods:**

Individual meeting with a tutor, written self-evaluation concerning previous studies

**Target group:**

Logopedics students

**Assessment methods and criteria:**

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

**Grading:**

Pass

**Person responsible:**

Amanuensis, tutors

**694739P: Acoustics of Speech Production, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

2nd spring

**Learning outcomes:**

Upon completion of the course, the student is able to explain the effects of sound structure and speaker-specific factors on the acoustic properties of speech; she/he is able to use special software tools to locate, segment and annotate speech samples.

**Contents:**

Acoustics of speech and speech production

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and an exercise course

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of the General Phonetics and Finnish Phonology courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Suomi, Johdatusta puheen akustiikkaan; exercise material

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Lecturer of Phonetics

**Working life cooperation:**

No

**694738P: General Phonetics and Finnish Phonology, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Pentti Körkkö

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

4

**Language of instruction:**

Finnish

**Timing:**

1st Autumn

**Learning outcomes:**

Upon completion of the course, the student is able to name and classify speech sounds and features and can explain the general and special features of the Finnish sound system and, additionally, is able to identify its major phonetic variations.

**Contents:**

Speech production and perception, phonetic description and classification of speech sounds, basics of Finnish phonology

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and an exercise course (80% attendance required)

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

None

**Recommended or required reading:**

To be agreed with the lecturer

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Lecturer in Phonetics

**Working life cooperation:**

No

## **695250Y: Introduction to General Linguistics, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Santeri Palviainen

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

4

**Language of instruction:**

Finnish

**Timing:**

It is recommended that the course be passed on the first semester if the course is mandatory for the student.

**Learning outcomes:**



Upon completion of this course, students will be able to analyze the structure of language scientifically and systematically. They will be able to apply the analytical tools of phonology, morphology, and syntax to novel linguistic data and define the basic terminology in linguistics.

**Contents:**

Basic linguistic concepts and analysis. The focus is on phonology, morphology, and syntax.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Linguistics students and others interested in languages

**Prerequisites and co-requisites:**

None

**Recommended or required reading:**

Lectures + readings

**Assessment methods and criteria:**

Final exam

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

**Grading:**

0-5

**Person responsible:**

Lecturer in Linguistics

**Working life cooperation:**

No

## 695252P: Psycholinguistics, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3rd Autumn

**Learning outcomes:**

The student obtains a picture of linguistic behaviour from e.g. the following psycholinguistic perspectives: language and cognition, language and speech production and understanding, language acquisition, second language learning, and bilingualism.

Upon completion of the course, the student is able to evaluate linguistic behaviour from the central perspectives of psycholinguistics.

**Contents:**

Central aspects of psycholinguistics

**Learning activities and teaching methods:**

Lecture course and independent study of literature

**Target group:**

Logopedics, Phonetics and General Linguistics students

**Prerequisites and co-requisites:**

Successful completion of General Phonetics and Finnish Phonology, Structure and Production of Speech courses required.

**Recommended optional programme components:**

Introduction to General Phonetics and Finnish Phonology and Morphology, Production and Structure of Speech, Introduction to Linguistics

**Recommended or required reading:**

Danny D. Steinberg & Natalia V. Sciarini 2006: An introduction to psycholinguistics (2nd ed.)

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor of Phonetics

## 694740P: Research course in clinical phonetics, 5 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2nd Spring

**Learning outcomes:**

The student becomes acquainted with acoustic clinical phonetics, its motives, phases and measurements as well as the planning, conduction and scientific reporting of speech and voice assessment.

Upon completion of the course, the student is able to independently carry out an assessment study based on acoustic measurements: i.e. the student is able to gather relevant speech material using field and/or studio recordings; do relevant acoustic analyses and measurements; and is able to interpret and evaluate the significance of measurement results; s/he is also able to select and utilize adequate software tools in written scientific reporting.

**Contents:**

Research area and aims of acoustic clinical phonetics; acoustic measurement of speech and voice: research material, acoustic analyses and measurements; written scientific reports

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, an exercise course and research exercise (80% attendance required)

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion or General Phonetics and Finnish Phonology, Acoustics of Speech Production courses required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Selected chapters of the following: Baken & Orlikoff, Clinical measurement of speech and voice and Kent & Ball, Voice quality measurement

**Assessment methods and criteria:**

Oral presentation and written research report

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

**Grading:**

0-5

**Person responsible:**

Lecturer in Phonetics

**Working life cooperation:**

No

## 694926Y: Structure of Finnish, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay694926Y Structure of Finnish (OPEN UNI) 3.0 op

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

1st academic year 1st period

**Learning outcomes:**

Students recognize the basic phonological, morphological, and syntactic structure of Modern Standard Finnish

**Contents:**

Introduction to phonological, morphological, and syntactic structures of Finnish.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures (14 hours), exercises (10 hours) and self study (57 hours). Alternatively, independent web-based learning (81 hours)

**Target group:**

Students of languages studies.

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

-

**Recommended or required reading:**

Web material

**Assessment methods and criteria:**

Examination. Alternatively, independent web-based learning and examination.

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

**Grading:**

0-5

**Person responsible:**

University lecturer or university teacher

**Working life cooperation:**

No

**Other information:**

Students with Finnish as their main subject will include the course in the Language and Communication Studies

## 730092A: Clinical Neuropsychology, 5 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> Autumn

**Learning outcomes:**

The student will be familiar with the special nature of neuropsychological disorders in adults and children as well as with some basic mechanisms associated with these disorders.

**Contents:**

The course covers the basic principles of neuropsychological disorders in adults and children.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures 26 h

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Introduction to Cognitive Neuroscience (Introduction to Neuroscience).

**Recommended optional programme components:**

None

**Recommended or required reading:**

Kolb & Wishaw: Fundamentals of Human Neuropsychology, 5<sup>th</sup> edition, chap. 11-28 and Lyytinen et al. (eds.): Oppimisvaikeudet - neuropsykologinen näkökulma (revised edition, 2002), Recommended literature: Hämäläinen et al. (eds.): Mieli ja Aivot (2006), chap. 2-4, 6-9.

**Assessment methods and criteria:**

Written examination on the basis of lectures and literature.

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

**Grading:**

0-5

**Person responsible:**

Professor of Psychology Heikki Hämäläinen (University of Turku)

**Working life cooperation:**

No

## 730099A: Cognitive Neuroscience, 5 op

**Voimassaolo:** 01.08.2012 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Heikki Hämäläinen

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

## 730100P: Introduction to Clinical Psychology, 5 op

**Voimassaolo:** 01.08.2012 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

## 730098P: Introduction to Cognitive Psychology and Neuropsychology, 5 op

**Voimassaolo:** 01.08.2012 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

### **730097P: Introduction to Developmental Psychology, 5 op**

**Voimassaolo:** 01.08.2012 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

### **694766P: Anatomy and Physiology of the Speech Organs, 1 op**

**Voimassaolo:** 01.08.2011 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> spring

**Learning outcomes:**

By the end of the course, the student is able to identify the basic speech and respiratory organs, and is able to explain their anatomical and physiological features in general. In addition, the student can identify various kinds of methods for clinical phoniatric assessment of voice and voice disorders and is able to interpret findings of these assessments in order to plan logopedic intervention.

**Contents:**

The basics of speech and respiration organs, their anatomy and physiology, as well as of phoniatric practices

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Logopedics students

**Recommended optional programme components:**

None

**Recommended or required reading:**

Hand-outs. Information on additional reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

No

## 694746P: Audiology and audiometrics, 2 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1,5

**Language of instruction:**

Finnish

**Timing:**

3rd Autumn

**Learning outcomes:**

After passing the course, the student can define and describe the basics of normal hearing and balance, as well as the fundamentals of hearing impairments and their diagnostics, treatment and intervention.

**Contents:**

Normal hearing, balance, hearing impairments and their diagnostics, treatment and intervention

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, educational material, additional reading and written examination. Possibly an excursion to a hearing centre

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Prerequisites or parallel courses: Otorhinolaryngology and Plastic Surgery

**Recommended optional programme components:**

None

**Recommended or required reading:**

Educational material and additional literature.

Jauhiainen, T., Arlinger, S., Balursson, G., Laukli, E., Nielsen, P., Svendsen, B. (eds.), *Audiologia* (2008).

Duodecim. Information on additional reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

## 694747P: Child neurology, 1 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1

**Language of instruction:**

Finnish

**Timing:**

2nd Spring

**Learning outcomes:**

By the end of the course, the student is able to explain essential points concerning child neurological diseases and developmental disorders as well as their medical diagnostics, rehabilitation and rehabilitation systems.

**Contents:**

Child neurological diseases and developmental disorders

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and literature

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials. Sillanpää, M., Herrgård, E., Iivanainen, M., Koivikko, M. & Rantala, H. (eds.), Lastenneurologia (2004)(selections). Availability can be checked via WebOodi.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

**694750P: Geriatrics, 1 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> spring/3<sup>rd</sup> spring (the course is held every second year)

**Learning outcomes:**

By the end of the course, the student is able to identify illnesses associated with aging and the specific features of their treatment and geriatric care in Finland.

**Contents:**

Illnesses associated with aging, specific features of their treatment and geriatric care in Finland

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

None

**Recommended or required reading:**

Literature: Information on reading materials can be obtained from the lecturer.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

## 694743P: Medical examination and intervention in craniofacial disorders, 1 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> Spring / 3<sup>rd</sup> Spring (the course is available every second year)

**Learning outcomes:**

By the end of the course, the student will be able to identify facial and cranial malformations and traumas and associate this information with their medical assessment and treatment.

**Contents:**

Facial and cranial malformations and traumas and their medical assessment and treatment

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Speech Anatomy and Physiology, and Orthodontics courses required

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials. Literature: Information on reading materials can be obtained from the lecturer.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

## 694742P: Medical examination and intervention in voice disorders, 1 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities



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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1

**Language of instruction:**

Finnish

**Timing:**

2nd Autumn or 2nd Spring

**Learning outcomes:**

By the end of the course, the student can label the basic etiological factors of voice disorders. The student is able to explain what is included in clinical assessment, medical diagnostics and treatment of voice disorders.

**Contents:**

Etiology of voice disorders, clinical assessment, medical diagnostics and treatment of voice disorders

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Speech Anatomy and Physiology course required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Hand-outs

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

## 694748P: Neurology and neuroanatomy, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> Autumn

**Learning outcomes:**

By the end of the course, the student will be able to summarize the basics of human neuroanatomy and identify neurological diseases and apply his or her logopedic knowledge for medical diagnostics and intervention.

**Contents:**

Basics of human neuroanatomy. Neurological diseases and medical diagnostics and intervention

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Successful completion of Speech Anatomy and Physiology course required.

**Recommended optional programme components:**

None

**Recommended or required reading:**

Information on recommended reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

## 694767P: Orthodontics, 1 op

**Voimassaolo:** 01.08.2011 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1

**Language of instruction:**

Finnish

**Timing:**

1st Spring

**Learning outcomes:**

By the end of the course, the student is able to describe the normal development of dentition. She/he is able to identify developmental disorders in dentition and is aware of the basics of orthodontics. The student is able to associate development and disorders of dentition to her/his work in logopedics.

**Contents:**

Normal development of dentition, developmental disorders and of dentition, basics of orthodontics

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

None

**Recommended or required reading:**

Lecture materials

**Assessment methods and criteria:**

Written examination on the basis of lectures

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

## 694745P: Otorhinolaryngology and plastic surgery, 1 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1,5

**Language of instruction:**

Finnish

**Timing:**

1st Spring

**Learning outcomes:**

After passing the course, the student can define and describe the etiology of the most common ear, nose and throat diseases and developmental disorders in these areas, as well as their diagnostics and treatment.

**Contents:**

Etiology of the most common ear, nose and throat diseases and developmental disorders in these areas, their diagnostics and treatment

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, additional reading, possibly an excursion to an operating room

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Prerequisites or parallel courses: Speech Anatomy and Physiology, and Orthodontics

**Recommended optional programme components:**

None

**Recommended or required reading:**

Educational materials. Information on additional reading can be obtained from the lecturer.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

## 694749P: Psychiatry across the life-span, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup>/2<sup>nd</sup> spring (the course is held every second year)

**Learning outcomes:**

After the course, the student is able to list specific, essential psychiatric questions, diseases, diagnostics and treatment at different periods of life. In addition, she/he is able to describe the organization of mental health care and psychiatric treatment in Finland.

**Contents:**

Specific psychiatric questions and diseases at different periods of life

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, literature

**Target group:**

Logopedics students

**Recommended optional programme components:**

None

**Recommended or required reading:**

Information concerning additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Written examination

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

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

No

## Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

### 694752S: Optional Studies in logopedics, 1 - 10 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1-9

**Assessment methods and criteria:**

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

**Person responsible:**

Professor