

# Opasraportti

## Logopedics (2016 - 2017)

### Logopedics

Logopedics, PL 1000, FI-90014 University of Oulu, Finland

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Website: *(In Finnish)* <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 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, E-mail [logo.amanuensis@oulu.fi](mailto:logo.amanuensis@oulu.fi).

### Logopedics

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

Upon the 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 licenced speech therapists and as professionals 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 an appropriate selection of topics and on the multidisciplinary nature of research in the field.

Studies in Logopedics familiarises the students with the normal development of speech, language and communication as well as with related disorders and the rehabilitation and multiprofessional diagnostics of such disorders.

In addition to the core Logopedics studies, also 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 education, training to become a therapist and independent training in the profession of a speech and language therapist.

Fostering professional skills and research during the studies is essentially important for the development of the discipline. At the University of Oulu, the main focus areas of research in the Logopedics programme are the study of children's language and related disorders as well as neurocognitive study of language. This research is carried out primarily at the Child Language Research Center, which has been selected as one of the leading research groups of anthropology in the Eudaimonia Research Center at the University of Oulu.

Students are obliged to take part, to a reasonable degree, in the department's research activities, for example by collecting data or being a test subject in a Logopedics research project. The degree in Logopedics provides students the academic qualifications required to apply for a Doctoral degree programme in Logopedics.

### **Employment Prospects**

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

### **Practical information**

Practical information is available in "Logopedian matkaopas" ("Travel Guide to Logopedics", *in Finnish*), which can be found in PDF form on the degree programme's website.

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

The Basic Studies of Logopedics will familiarise the students with the central concepts of Logopedics, scientific thinking and writing. Students will acquire a basic knowledge of the normal development of language and speech as well as the development and support of interaction and communication. Upon completion of the Basic Studies, students will be able to follow the ethical principles of academic writing.

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

- Students will have the knowledge, skills and conceptual expertise required to examine the research of interaction, communication and related disorders.
- Students will have an understanding the nature of logopedic reasoning and can acknowledge the characteristics of scholarly data and different research approaches.
- Students will have a general idea of the profession of a speech and language therapist.
- Additionally, students will have the ability to create small-scale written presentations based on their expertise.

The Intermediate Studies in Logopedics will familiarise the students comprehensively with the research methods and disorders of Logopedics. These studies are supplemented with a selection of subsidiary subjects. The main aim of the Intermediate Studies package is to deepen the students' informational and methodological abilities so that they will be capable of independent scientific work and able to apply their theoretical knowledge in the clinical courses during the Intermediate and Advanced Studies.

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

- Students will have knowledge of the perspectives, methods and data of researching the disorders in interaction and communication, and they will understand the scope and complexity of questions in research in the field of Logopedics.
- Students will be able to produce a Candidate's Thesis required for a Bachelor's Degree.
- Students will master the methodological fundamentals of logopedic rehabilitation and are able to work as speech and language therapists under supervision in the clinical courses.
- Students will have familiarised themselves with the ethical guidelines concerning the profession of a speech and language therapist.

The Advanced Studies in Logopedics, via studies of theoretical and clinical courses, will foster the students' skills to conduct research in Logopedics based on their own areas of interest as well as their ability to work independently as speech and language therapists. 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 diverse qualifications needed in the professions in the field.

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

- Students will be able to plan and execute advanced projects concerning research and the application of knowledge and to produce scholarly discourse.
- Students will be able to critically evaluate different data and arguments and present the results of a research process coherently in a written thesis.
- Students will be able to do demanding independent tasks that require analysis, creativity and ethical evaluation. They will be able to work as experts in different communities and in multiprofessional cooperation.
- Students will understand the diversity of logopedic research and can place their own research aims in the wider context of discourse in the field. Students will be able to independently follow the discourse in the field.
- Students will know and be able to apply essential research methods to clinical courses. They will be able to use the terminology of Logopedics and they will 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 will have acquired advanced qualifications for understanding, analysing and communicating the nature of logopedic information or any other type of information both in the context of research and in the profession of a speech and language therapist.

### **The study packages of Linguistics and Phonetics**

The study packages of Linguistics and Phonetics will familiarise the students with the nature of language and speech as well as the systematic analysis and examination of various phenomena in normal language and speech as well as the language and speech affected by disorders.

### **The study package of Psychology**

The study package of Psychology will familiarise the students with human psychological development and functions and related disorders.

### **The study package of Medicine**

The study package of Medicine will familiarise the students with the main principles of human physiological structures and function. Students will learn to understand how different disabilities and disorders are related to diagnostics and rehabilitation in the field of Logopedics.

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

694700P Introduction to Logopedics (6 ECTS credits) Autumn term

694754P Development of Language and Communication: Socialisation into the Language Community (3 ECTS credits) Autumn term

694809P Development of Language and Communication: Stages of the Language Development of Children (6 ECTS credits) Spring term

694768P Development of Language and Communication: Fostering Linguistic Development (2 ECTS credits) Spring term

694738P Introduction to Phonetics and Finnish Phonology and Morphology (4 ECTS credits) Autumn term

694769P Introduction to Disorders in the Communication, Language and Speech of Children and Youth (5 ECTS credits) Spring term

### **Major studies 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> year, autumn term

694700P Introduction to Logopedics (6 ECTS credits) 1<sup>st</sup> year, autumn term

694754P Development of Language and Communication: Socialisation into the Language Community (3 ECTS credits) 1<sup>st</sup> year, autumn term

694809P Development of Language and Communication: Stages of the Language Development of Children (6 ECTS credits) 1<sup>st</sup> year, spring term

694790P Development of Language and Communication: Fostering Linguistic Development (2 ECTS credits) 1<sup>st</sup> year, spring term

694769P Introduction to Disorders in the Communication, Language and Speech of Children and Youth (5 ECTS credits) 1<sup>st</sup> year, spring term

694720A Introduction to Statistical Analysis (3 ECTS credits) 1<sup>st</sup> year, spring term

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

##### *Disorders in the Communication of Children and Youth (23 ECTS credits)*

694791A Assessment and Diagnostics of Disorders of the Communication, Language and Speech of Children and Youth (7 ECTS credits) 2<sup>nd</sup> year, autumn term

694792A Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth I (7 ECTS credits) 2<sup>nd</sup> year, autumn term

694793A Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth II (7 ECTS credits) 2<sup>nd</sup> year, spring term

694794A Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth III (2 ECTS credits) 3<sup>rd</sup> year, autumn term

*Disorders in the Communication of Adults (25 ECTS credits)*

694714A Disorders in the Communication of Adults I: Voice Disorders (5 ECTS credits) 3<sup>rd</sup> year, spring term

694795A Disorders in the Communication of Adults II: Aphasiology (5 ECTS credits) 3<sup>rd</sup> year, autumn term

694796A Disorders in the Communication of Adults III: Hearing Disabilities, Aging and Memory Disorders of Adults (5 ECTS credits) 3<sup>rd</sup> year, autumn term

694797A Disorders in the Communication of Adults IV: Motor Speech Disorders (5 ECTS credits) 3<sup>rd</sup> year, spring term

694798A Disorders in the Communication of Adults V: Dysphagia (3 ECTS credits) 3<sup>rd</sup> year, spring term

694799A Disorders in the Communication of Adults VI: Final Seminar (2 ECTS credits) 3<sup>rd</sup> year, spring term

*Research in Logopedics I*

694810A Research in Logopedics I: Methodology and Ethics I (3 ECTS credit) 3<sup>rd</sup> year, autumn term

694708A Research in Logopedics I: Basic Seminar and Candidate's Thesis (10 ECTS credits)

*Clinical Studies in Logopedics I*

694800A Clinical Skills I (7 ECTS credits) 2<sup>nd</sup> year, autumn term

694801A Therapy I (10 ECTS credits) 2<sup>nd</sup> year, spring term, or 3<sup>rd</sup> year, autumn term, or 3<sup>rd</sup> year, spring term

694724A Maturity Test (Candidate's Degree/Logopedics) (0 ECTS credits) 3<sup>rd</sup> year, spring term

694758Y Personal Study Plan 2 (Logopedics) (0 ECTS credits) 3<sup>rd</sup> year, spring term

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

694732S Advanced Course in Statistical Analysis (3 ECTS credits) 4<sup>th</sup> year, autumn term

*Research in Logopedics II*

694811S Research in Logopedics II: Methodology and Ethics II (5 ECTS credits) 4<sup>th</sup> year, autumn term

694802S Research in Logopedics II: Advanced Seminar (6 ECTS credits) 4<sup>th</sup> year, autumn–4<sup>th</sup> year, spring

694803S Literature Overview for Master's Thesis (10 ECTS credits) 4<sup>th</sup> year, spring term

694730S Master's Thesis (30 ECTS credits) 5<sup>th</sup> year, autumn term

*Special Skills*

694725S Advanced Topics in Logopedics (7 ECTS credits) 4<sup>th</sup> year, autumn term–4<sup>th</sup> year, spring term

694813S Presentation on Field of Expertise (2 ECTS credits) 4<sup>th</sup> year, autumn term or 4<sup>th</sup> year, spring term or 5<sup>th</sup> year, autumn term

694814S Advanced Literature in Logopedics (6 ECTS credits) 5<sup>th</sup> year, spring term

#### *Clinical Studies in Logopedics II*

694804S Clinical Skills II (7 ECTS credits) 4<sup>th</sup> year, autumn term–4<sup>th</sup> year, spring term

694805S Therapy II (10 ECTS credits) 4<sup>th</sup> year, autumn term or 4<sup>th</sup> year, spring term or 5<sup>th</sup> year, autumn term

694806S Clinical Skills III (24 ECTS) 5<sup>th</sup> year, spring term

694737S Maturity Test (Master's Degree/Logopedics) (0 ECTS credits)

694759Y Personal Study Plan 3 (Logopedics) (0 ECTS credits) 4<sup>th</sup> year, autumn term

#### **Subsidiary Studies**

##### *Linguistics and Phonetics (22 ECTS credits)*

694926Y Structure of Finnish (3 ECTS credits) 1<sup>st</sup> year, autumn term

694738P Introduction to Phonetics and Finnish Phonology and Morphology (4 ECTS credits) 1<sup>st</sup> year, autumn term

694807P Acoustic Phonetics (3 ECTS credits) 2<sup>nd</sup> year, autumn term

694808P Research Course in Clinical Acoustic Phonetics (5 ECTS credits) 2<sup>nd</sup> year, autumn term–2<sup>nd</sup> year, spring term

695252P Psycholinguistics (3 ECTS credits) 3<sup>rd</sup> year, autumn term

695250Y Introduction to General Linguistics (4 ECTS credits) 1<sup>st</sup> year, autumn term

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

730097P Introduction to Developmental Psychology (5 ECTS credits) 1<sup>st</sup> year, autumn term

730098P Introduction to Cognitive Psychology and Neuropsychology (5 ECTS credits) 1<sup>st</sup> year, autumn term

730099A Cognitive Neuroscience (5 ECTS credits) 1<sup>st</sup> year, spring term

730100P Introduction to the Psychology of Health and Mental Health (5 ECTS credits) 2<sup>nd</sup> year, spring term

730092A Clinical Neuropsychology (5 ECTS credits) 2<sup>nd</sup> year, spring term

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

694766P The Anatomy and Physiology of the Speech Organs (1 ECTS credit) 1<sup>st</sup> year, spring term

694767P Orthodontics (1 ECTS credit) 1<sup>st</sup> year, spring term

694742P Medical Examination and Intervention in Voice Disorders (1 ECTS credit) 2<sup>nd</sup> year,  
autumn term

694743P Medical Examination and Intervention in Craniofacial Disorders (1 ECTS credit) \*\* 2<sup>nd</sup> year, spring term or 3<sup>rd</sup> year, spring term

694745P Otorhinolaryngology and Plastic Surgery (1 ECTS credit) 1<sup>st</sup> year, spring term

694746P Audiology and Audiometry (2 ECTS credits) 2<sup>nd</sup> year, autumn term

694747P Child Neurology (1 ECTS credit) 1<sup>st</sup> year, spring term

694748P Neurology and Neuroanatomy (3 ECTS credits) 2<sup>nd</sup> year, autumn term

694749P Psychiatry Across the Lifespan (3 ECTS credits) \*\* 2<sup>nd</sup> year, spring term or 3<sup>rd</sup> year, spring term

694750P Geriatrics (1 ECTS credit) \*\* 2<sup>nd</sup> year, spring term or 3<sup>rd</sup> year, spring term

\*\* ) The course is held biennially.

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> year, autumn term

Finnish or Swedish (5 ECTS credits) 3<sup>rd</sup> year, autumn term

Written and Oral Communication (5 ECTS credits) 1<sup>st</sup> year, autumn term–3<sup>rd</sup> year, spring term

## Tutkintorakenteet

### Master's Degree/Logopedics

Tutkintorakenteen tila: published

Lukuvuosi: 2016-17

Lukuvuoden alkamispäivämäärä: 01.08.2016

### Advanced Studies (120 - 130 op)

A110503: Logopedics, advanced studies, 80 - 110 op

#### *Compulsory advanced studies*

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

694811S: Research in Logopedics II: Methodology and Ethics II, 5 op

694802S: Research in Logopedics II: Advanced Seminar, 6 op

694803S: Literature Overview for Master's Thesis, 10 op

694725S: Advanced Topics in Logopedics, 7 op

694804S: Clinical Skills II, 7 op

694805S: Therapy II, 10 op

694806S: Clinical Skills III, 24 op

694813S: Presentation on Expertise Field, 2 op

694812S: Master's Thesis, 30 op

## Optional Studies (10 - 20 op)

### Candidate's Degree/Logopedics

Tutkintorakenteen tila: published

Lukuvuosi: 2016-17

Lukuvuoden alkamispäivämäärä: 01.08.2016

### Language and Communication Studies (15 op)

900096Y: Speech Therapist as Communicator, 5 op

902001Y: Academic Communication, 3 op

010100Y: Orientation Course for New Students, 0 op

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

901031Y: Second Official Language (Swedish), Oral Skills, 3 op

901030Y: Second Official Language (Swedish), Written Skills, 2 op

### Basic Studies (25 op)

A110501: Logopedics, basic studies, 25 op

#### *Compulsory basic studies*

694700P: Introduction to Logopedics, 6 op

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

694809P: Development of Language and Communication: Stages of the Language Development of Children, 6 op

694769P: Introduction to Disorders in the Communication, Language and Speech of Children and Youth, 5 op

694720A: Introduction to Statistical Analysis, 3 op

694753Y: Personal Study Plan 1 (Bachelor's degree), 0 op

694768P: Development of Language and Communication: Fostering Linguistic Development, 2 op

### Intermediate Studies (vähintään 45 op)

A110502: Logopedics, intermediate studies, 45 - 89 op

#### *Bachelor's Thesis and Maturity Test*

694708A: Research in Logopedics I: Basic Seminar and Bachelor's Thesis, 10 op

694724A: Maturity Test (for Bachelor's Degree/Logopedics), 0 op

#### *Elective Intermediate Studies*

694791A: Assessment and Diagnostics of Disorders of the Communication, Language and Speech of Children and Youth, 7 op

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

694796A: Disorders in the Communication of Adults III: Hearing Disabilities, Aging and Memory Disorders of Adults, 5 op

694797A: Disorders in the Communication of Adults IV: Motor Speech Disorders, 5 op

694799A: Disorders in the Communication of Adults VI: Initial and Final Seminar, 2 op

694810A: Research in Logopedics I: Methodology and Ethics I, 3 op

694800A: Clinical Skills I, 7 op

694801A: Therapy I, 10 op

694758Y: Personal Study Plan 2 (Bachelor's degree), 0 op

### Linguistics and Phonetics

A111101: Phonetics, 10 - 25 op

## Psychology

A100010: Psychology, 25 - 50 op

*Compulsory minor subject 25 credits*

730097P: Introduction to Developmental Psychology, 5 op

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

730099A: Cognitive Neuroscience, 5 op

730100P: Introduction to Clinical Psychology, 5 op

730101A: Child Neuropsychology, 3 op

730102A: Neuropsychology, 3 op

## Medicine

A100011: Medicine, 16 - 40 op

*Compulsory minor subject 15 credits*

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

## Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

694808P: A Laboratory Course in Clinical Acoustic Phonetics, 5 op

694807P: Acoustic Phonetics, 3 op

694732S: Advanced Course in Statistical Analysis, 3 op

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

694746P: Audiology and Audiometry, 2 op

694747P: Child neurology, 1 op

730092A: Clinical Neuropsychology, 5 op

694795A: Disorders in the Communication of Adults II: Aphasiology, 5 op

694798A: Disorders in the Communication of Adults V: Dysphagia, 3 op

694815S: Evolution of communication, 5 op

694738P: General Phonetics and Finnish Phonology, 4 op

694750P: Geriatrics, 1 op

695250Y: Introduction to General Linguistics, 4 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

695252P: Psycholinguistics, 3 op

694792A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth 1, 7 op

694793A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth II, 7 op

694794A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth III, 2 op

694926Y: Structure of Finnish, 3 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:** Kunnari, Sari Maarit

**Opintokohteen kielet:** Finnish

### Assessment methods and criteria:

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

*Compulsory advanced studies*

### 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

### Language of instruction:

Finnish

### Timing:

4<sup>th</sup> year, spring term

### Learning outcomes:

Upon completion of this course, students will have a plan for their Master's Degree, which consist of their objectives regarding studies (including a Master's Thesis and Clinical Skills III).

### Learning activities and teaching methods:

Discussion in Research seminar group, Pass

### Assessment methods and criteria:

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

### Grading:

Pass

### Person responsible:

Named by the department

### Working life cooperation:

None

### 694811S: Research in Logopedics II: Methodology and Ethics II, 5 op

**Voimassaolo:** 01.08.2015 -

**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:**4<sup>th</sup> year, autumn term**Learning outcomes:**

Upon completion of the course, students will be able to identify the special nature and research questions of research in Logopedics. Students will be able to plan the research frame and the methods suitable for their own Master's Thesis.

**Contents:**

The research frames, ethical questions and the efficiency of rehabilitation in research in Logopedics

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and literature

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

This course is to be completed alongside or after the following courses: *694720A Introduction to Statistical Analysis*, *694707A Research in Logopedics I: Methodology and Ethics I* and *694708A Research in Logopedics I: Basic Seminar and Candidate's Thesis*.

**Recommended or required reading:**

Lecture material and the following books: Schiavetti, N., Metz, D. E. & Orlikoff, R.F. (2011). *Evaluating Research in Communicative Disorders*. 6<sup>th</sup> Edition. New Jersey: Pearson Inc., pp. 57–157, 364–410 and Remes, P., Hirsjärvi, S. & Sajavaara, P. (2014). *Tutki ja kirjoita*. Helsinki: Tammi. (Where applicable)

**Assessment methods and criteria:**

Lectures (80% attendance required), literature, a book exam

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**694802S: Research in Logopedics II: Advanced Seminar, 6 op**

**Voimassaolo:** 01.08.2015 -

**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:**4<sup>th</sup> year, autumn term or spring term

**Learning outcomes:**

Upon completion of this course, students will be able to produce scientific texts, present theoretical and practical questions about their topic of research, compile a research plan, justify their choices and define and explain the basic concepts, methodology and research ethics of research in Logopedics. They will be able to independently produce a Master's Thesis using scientific methods.

**Contents:**

Seminar, presenting the thesis, acting as an opponent

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Seminar sessions, independent work, exercises, presenting a thesis, acting as an opponent

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

This course is to be completed alongside or after the following courses or packages: *Research in Logopedics I, 694727S Research in Logopedics II: Methodology and Ethics II, 694720A Introduction to Statistical Analysis and 694732S Advanced Course in Statistical Analysis.*

**Assessment methods and criteria:**

Seminar sessions (80% attendance required), independent work, exercises, presenting a thesis, acting as an opponent

**Grading:**

Pass/Fail

**Person responsible:**

Professor or University Lecturer

**Working life cooperation:**

None

**694803S: Literature Overview for Master's Thesis, 10 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

10

**Language of instruction:**

Finnish, Swedish or English

**Timing:**

4<sup>th</sup> year, spring term

**Learning outcomes:**

Upon completion of this course, students will be able to compile a literature overview for their Master's Thesis

**Contents:**

Instruction meetings, independent work

**Mode of delivery:**

Contact teaching, independent work

**Learning activities and teaching methods:**

Independent work as instructed

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of *Research in Logopedics II* is required.

**Recommended or required reading:**

Scientific literature available

**Grading:**

Pass/Fail

**Person responsible:**

Professor or University Lecturer

**Working life cooperation:**

None

**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 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup> Spring / 4<sup>th</sup> Autumn / 4<sup>th</sup> 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:**

Students of Logopedics

**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

**694804S: Clinical Skills II, 7 op****Voimassaolo:** 01.08.2015 -**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:**4<sup>th</sup> year**Learning outcomes:**

Upon completion of the course, students will be able to define the essential characteristics and the co-operational aspects of the work of a speech and language therapist in multiprofessional work groups in different posts of social care, health care and education. Additionally, students will be able to analyse different aspects and ethical questions related to the work of a speech and language therapist. Students will also learn to reflect and analyse their own professional growth.

**Contents:**

Observing the work of a speech and language therapist, general picture of the organisations where speech and language therapists are employed, a multiprofessional working community, the multidimensional aspects of a speech therapy work, professional interaction and growth

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Attending information sessions and exercises, completing assignments appointed in the training facility, lectures, exercises

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

This course is to be completed alongside or after the following courses or packages: Basic Studies and Advanced Studies in Logopedics up to *Clinical Skills II*, Studies in Psychology and Medicine, *Therapy I* and *II*.

**Recommended or required reading:**

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

**Assessment methods and criteria:**

Information sessions and exercises (100% attendance required), completing assignments appointed in the training facility, feedback from the information sessions and the training, lectures, exercises and assignments

**Grading:**

Pass/Fail

**Person responsible:**

University Lecturer, University Teacher, Amanuensis

**Working life cooperation:**

Yes

**694805S: Therapy II, 10 op****Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

10

**Language of instruction:**

Finnish

**Timing:**

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

**Learning outcomes:**

Upon completion of this course, students will be able to plan and implement rehabilitation related to speech therapy. Additionally, they will be able to analyse the process of speech therapy as well as the profession of a speech and language therapist.

**Contents:**

Speech therapy related assessment and rehabilitation of different disorders in communication

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

Supervised planning and implementation of one or more assessment or speech therapy programmes and written assignments related to them, discussing and observing speech therapy organised by students

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *Clinical Skills I*, *Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth* (where applicable), and *Disorders in the Communication of Adults* (where applicable) is required.

**Grading:**

Pass/Fail

**Person responsible:**

University Lecturer or University Teacher

**Working life cooperation:**

None

### 694806S: Clinical Skills III, 24 op

**Voimassaolo:** 01.08.2015 -

**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:**

5<sup>th</sup> year, autumn term and spring term

**Learning outcomes:**

Upon completion of the course, students will be able to work independently as speech therapists. They will be able to examine clients, plan and organise rehabilitation, instruct the people close to the client as well as to function as a member of a work community and a work group.

**Contents:**

Practical training period

**Mode of delivery:**

Contact teaching (practical training period)

**Learning activities and teaching methods:**

Four months of practical training period under the supervision of a speech therapist in a unit offering the Social and health care services or education, a report of the training, discussion on professional growth

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of a Candidate's Degree is required in addition to the following courses in Advanced Studies: *Research in Logopedics II*, *694725S Advanced Topics in Logopedics*, *Clinical Skills II and Therapy II*.

**Assessment methods and criteria:**

Practical training period, a report on the training, a discussion

**Grading:**

0–5 (70% based on the assessment done by the supervisor, 30% based on the report)

**Person responsible:**

University Teacher or University Lecturer

**Working life cooperation:**

Practical training period of 4 months

**694813S: Presentation on Expertise Field, 2 op**

**Voimassaolo:** 01.08.2015 -

**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 / 4<sup>th</sup> Spring / 5<sup>th</sup> 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:**

Independent study

**Learning activities and teaching methods:**

Oral and written presentation on a special theme in Logopedics

**Target group:**

Students of Logopedics

**Assessment methods and criteria:**

Oral and written presentation

**Grading:**

Pass/fail

**Person responsible:**

Lecturer or Amanuensis

**Working life cooperation:**

None

**694812S: Master's Thesis, 30 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Diploma thesis

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

30

**Language of instruction:**

Finnish, Swedish or English

**Timing:**

4<sup>th</sup> year, spring term, or 5<sup>th</sup> year, autumn term

**Learning outcomes:**

Upon completion of this course, students will have produced a scientific research paper, usually based on empirical data.

**Contents:**

Independent work as instructed, a written Master's Thesis

**Mode of delivery:**

Contact teaching and independent work

**Learning activities and teaching methods:**

Independent work as instructed

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

The completion of Candidate's Degree is required in addition to the following courses or packages:  
*Research in Logopedics II* and *Literature Overview for Master's Thesis*.

**Recommended or required reading:**

Scientific literature available

**Assessment methods and criteria:**

Master's Thesis

**Grading:**

0–5

**Person responsible:**

Professor or University Lecturer

**Working life cooperation:**

None

**694814S: Advanced Literature in Logopedics, 6 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

6

**Language of instruction:**

Finnish or English

**Timing:**5<sup>th</sup> year, spring term**Learning outcomes:**

Upon completion of this course, students will be able to assess the level of scientific literature. Additionally, they will be able to justify their opinions and compare and comment on scientific literature, research and rehabilitation in Logopedics.

**Contents:**

Students will select the books from a list provided. They will be chosen from different areas of research or rehabilitation so that the selection will include topics of communication or disorders of the speech of children or adults.

**Mode of delivery:**

Independent study

**Learning activities and teaching methods:**

Examination based on books agreed with the person responsible

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of Candidate's Degree is required.

**Recommended or required reading:**

Scientific literature available

**Assessment methods and criteria:**

Examination

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**900096Y: Speech Therapist as Communicator, 5 op****Voimassaolo:** 01.08.2014 -**Opiskelumuoto:** Language and Communication Studies**Laji:** Course**Vastuuyksikkö:** Languages and Communication**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish

## 902001Y: Academic Communication, 3 op

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Languages and Communication

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

**Opintokohteen kielet:** English

### Proficiency level:

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

### Status:

Obligatory foreign language course for students of logopedics and cultural anthropology and archaeology 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:

First year spring, students of logopedics and cultural anthropology and archaeology, after completion of 902000Y Reading for Academic Purposes in the Humanities.

### Learning outcomes:

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

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

- 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 using appropriate academic vocabulary.

### Contents:

Skills in oral interaction, including presenting academic topics to classmates, are practiced in the classroom, where there is a strong focus on working in pairs and small groups. Homework tasks include online listening tasks, writing, and reading to prepare for classroom discussions.

### Mode of delivery:

Contact teaching

### Learning activities and teaching methods:

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

### Target group:

Students of logopedics and cultural anthropology and archaeology

### 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:

Available online, in the university library and/or provided by the teacher.

### Assessment methods and criteria:

Student work is monitored by *continuous assessment*. You are required to participate regularly and actively in all contact teaching provided, and successfully complete all required coursework.

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

### Grading:

pass/fail

### Person responsible:

Heather Kannasmaa (logopedics), Karen Niskanen (cultural anthropology and archaeology)

### 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:** Languages and Communication

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

**Opintokohteen kielet:** English

**Proficiency level:**

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

**Status:**

Obligatory foreign language course for students of logopedics and cultural anthropology and archaeology 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

**Language of instruction:**

English

**Timing:**

1st year students of logopedics and cultural anthropology and archaeology; autumn term (only), BEFORE completion of *902001Y Academic Communication*

**Learning outcomes:**

The general aim is to be able to read more extensive academic - general or discipline-specific - text with increased confidence and at sufficient speed and to process it critically. More specifically, the aim is to be able to read and understand the 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

- have acquired effective vocabulary learning techniques
- be able to distinguish parts of words to infer meanings
- utilize your knowledge of text structure and cohesion markers to understand academic texts
- extract information and learn content from English readings in academic and professional contexts

**Contents:**

The course will focus on reading strategies; these include recognizing how texts are organized, identifying key points in a text, and understanding words in context. Vocabulary work in the course will focus on a) academic vocabulary, as used in formal scientific writing, and b) using your knowledge of the meanings of parts of words (affixes) to infer meaning.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

The scope of the course is 2 op (54 hours student workload).

**Target group:**

Students of logopedics and cultural anthropology and archaeology

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

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

**Recommended or required reading:**

Photocopies will be provided by the teacher and/or required texts will be accessible online or from the university library.

**Assessment methods and criteria:**

Student work is monitored by *continuous assessment*. You are required to participate regularly and actively in all contact teaching provided, and successfully complete all required coursework. Three lessons, at monthly intervals, will start with a short test on material covered so far.

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

**Grading:**

pass/fail

**Person responsible:**

Heather Kannasmaa (logopedics), Karen Niskanen (cultural anthropology and archaeology)

**Working life cooperation:**

-

**Other information:**

-

### 901031Y: Second Official Language (Swedish), Oral Skills, 3 op

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Languages and Communication

**Opintokohteen kielet:** Swedish

### 901030Y: Second Official Language (Swedish), Written Skills, 2 op

**Voimassaolo:** 01.08.2014 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Languages and Communication

**Opintokohteen kielet:** Swedish

### A110501: Logopedics, basic studies, 25 op

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kunnari, Sari Maarit

**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.

*Compulsory basic studies*

### 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:**

1<sup>st</sup> year, autumn term

**Learning outcomes:**

Upon completion of this course, students will be able to explain the development of Logopedics into its own discipline and what connections it has to other disciplines. Students will be able to identify the main research areas and essential scientific literature, and to use different research methods within the field of Logopedics. Additionally, they will be able to describe the field of work of speech and language therapists in the different sectors of Social and Health Care Services.

**Contents:**

Development of Logopedics as a science, connections to other disciplines, the duties of a speech and language therapist in the prevention and assessment of communication disorders and rehabilitation

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and independent work on essay assignments

**Target group:**

Students majoring and minoring in Logopedics

**Recommended or required reading:**

Lecture material and scientific literature available

**Assessment methods and criteria:**

Essays

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

**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:**1<sup>st</sup> year, spring term**Learning outcomes:**

Upon completion of this course, students will be able to explain how infants, in active interaction with their environment, evolve into social individuals that use language for communication. They will be able to apply this knowledge when examining delayed and deviant development.

**Contents:**

Theories of the development of language and communication, the development of language in interaction, the connection between the language and communication development and the overall development of children

**Mode of delivery:**

Virtual lecture

**Learning activities and teaching methods:**

Contact teaching, which includes video observation tasks, as well as group work (a written assignment), and a final essay or examination

**Target group:**

Students majoring and minoring in Logopedics

**Recommended or required reading:**

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

**Assessment methods and criteria:**

Exercises, group work, and an essay or exam

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**694809P: Development of Language and Communication: Stages of the Language Development of Children, 6 op****Voimassaolo:** 01.08.2015 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay694809P Development of Language and Communication: Stages of the Language Development of Children (OPEN UNIV) 6.0 op

**ECTS Credits:**

6

**Language of instruction:**

Finnish

**Timing:**1<sup>st</sup> year, spring term

**Learning outcomes:**

Upon completion of this course, students will be able to describe the progress of the different areas of language development. They will be able to identify the characteristics of deviant development and to apply this knowledge when assessing the linguistic development of a child. Students will also be able to describe the features of the linguistic development of bilingual and multilingual children, and identify how culture and the linguistic environment affect the acquiring of language, speech and communication.

**Contents:**

Description of the typical development of the different areas of language, description of the linguistic development of bilingual and multilingual children

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, which include analysing videos and transcribed speech samples

**Target group:**

Students majoring and minoring in Logopedics

**Recommended or required reading:**

Lecture material and literature: Kunnari, S. & Savinainen-Makkonen, T. (Eds.), *Pienten sanat. Lasten äänteellinen kehitys* (2012) (pp. 65–142) and Loukusa, S. & Paavola, L. (Eds.) *Lapset kieltä käyttämässä. Lasten pragmaattisten taitojen kehitys ja sen häiriöt* (Part 1, pp. 25–125) and other literature provided by the lecturer

**Assessment methods and criteria:**

Individual assignments and group assignments, examination based on the materials provided during lectures as well as the reading

**Grading:**

0–5

**Person responsible:**

University Lecturer and/or University Teacher

**Working life cooperation:**

None

**694769P: Introduction to Disorders in the Communication, Language and Speech of Children and Youth, 5 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Ukkola, Soile Sisko Sanelma

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits (students majoring in Logopedics)

4 ECTS credits (students minoring in Logopedics)

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to identify and define different diagnoses behind the disorders in the communication, language and speech of children and youth, and to identify and define the underlying factors behind them.

**Contents:**

The underlying factors of disorders in the communication, language and speech of children and youth

**Mode of delivery:**

Book exam

**Learning activities and teaching methods:**

Independent study

**Target group:**

Students majoring and minoring in Logopedics

**Recommended or required reading:**

- a) Arvio, M. & Aaltonen, S. (2012). *Kehitysvammainen potilaana*. Helsinki: Duodecim. Pp. 12–104, 158–164.
- b) Kerola, K. & Kujanpää, S. (2009). Käytännöllinen näkökulma. In K. Kerola, S. Kujanpää & T. Timonen (Eds.), *Autismin kirjo ja kuntoutus*. (Pp. 21–250). Jyväskylä: PS-kustannus. Pp. 21–43, 59–73, 89–148, 179–212.
- c) Närhi, V., Seppälä H. & Kuikka, P. (2010). *Laaja-alaiset oppimisvaikeudet*. Jyväskylä: Niilo Mäki Instituutti. Pp. 14–93.
- d) Lyytinen H. (2010). Dysleksia. In P. Korpilahti, O. Aaltonen & M. Laine (Eds.), *Kieli ja aivot*. (pp. 257–262). Turku: Turku University.
- e) Dufva, V. & Koivunen, M. (2012). *ADHD. Diagnostiikka, hoito ja hyvä arki*. Jyväskylä: PS-kustannus. Pp. 35–64, 135–192, 211–230.
- f) Huttunen K. (2010). Kuulovian vaikutukset kommunikaatiotaitojen kehittymiseen. In P. Korpilahti, O. Aaltonen & M. Laine (Eds.), *Kieli ja aivot*. (pp. 222–228). Turku: Turku University.
- g) Jansson-Verkasalo, E. & Eggers, K. (2010). Änkytys. In P. Korpilahti, O. Aaltonen & M. Laine (Eds.), *Kieli ja aivot* (pp. 235–242). Turku: Turku University.
- h) Ahonen, T., Määttä, S., Meronen, A. & Lyytinen, P. (2014). Kielen kehityksen vaikeudet. In T. Siiskonen, T. Aro, T. Ahonen & R. ketonen (Eds.), *Joko se puhuu? Kielenkehityksen vaikeudet varhaislapsuudessa* (pp. 72–103). Jyväskylä: PS-kustannus.
- i) Korpilahti, P., Arikka, H., & Wallden, T. (2014). Puheen ja kielen kehityksen häiriöt. In H. Pihko, L. Haataja, H. Rantala (Eds.), *Lastenneurologia* (pp. 46–58). Helsinki: Duodecim.
- j) Ervast, L. & Leppänen, P. (2010). Kielellinen erityisvaikeus. In P. Korpilahti, O. Aaltonen & M. Laine (Eds.), *Kieli ja aivot* (pp. 211–221). Turku: Turku University.
- k) Mäenpää, H. (2014). CP-vamma. In H. Pihko, L. Haataja, H. Rantala (Eds.) *Lastenneurologia* (pp. 128–137). Helsinki: Duodecim.
- l) Kunnari S. & Savinainen-Makkonen, T. (Eds.) (2012). *Pienten sanat – Lasten äänteellinen kehitys*. Jyväskylä: PS-kustannus. Pp. 17–62

**Assessment methods and criteria:**

Book exam in Examinarium

**Grading:**

0–5

**Person responsible:**

University Teacher or University Lecturer of Logopedics

**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:**

1<sup>st</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to describe the process of planning a quantitative study and the process of acquiring observational data. Students will be able to present tables, figures and parameters of the data studied. Additionally students will be able to identify the fundamental principles of statistical deduction.

**Contents:**

Planning a quantitative study, acquiring observational data, presenting the data studied in the form of tables, figures and parameters, the principles of statistical inference

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises

**Target group:**

Students of Logopedics and Information Studies

**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0-5

**Person responsible:**

Professor

**Working life cooperation:**

None

**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

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year, autumn term

**Learning outcomes:**

Students will present their plans for completing the early stage of the studies.

**Learning activities and teaching methods:**

Personal study guidance individually and in groups

**Grading:**

Pass

**Person responsible:**

Amanuensis and Tutor Teachers

**Working life cooperation:**

None

**694768P: Development of Language and Communication: Fostering Linguistic Development, 2 op**

**Voimassaolo:** 01.08.2015 -

**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:**

1<sup>st</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to describe and use different methods for fostering linguistic development. Additionally students will be able to identify different principles of instructing a group.

**Contents:**

Describing the methods for fostering linguistic development, principles of instructing a group

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, exercises and group work

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *694702P Development of Language and Communication: Stages of the Language Development of Children* and *694752P Development of Language and Communication: Socialisation into the Language Community* is required.

**Recommended or required reading:**

Lecture material and additional related literature

**Grading:**

Pass/Fail

**Person responsible:**

University Lecturer or University Teacher

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

**Opiskelumuoto:** Intermediate Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kunnari, Sari Maarit

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

*Bachelor's Thesis and Maturity Test*

**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> year autumn term or 3<sup>rd</sup> year spring term

**Learning outcomes:**

Upon completion of the course, students will be able to explain the different phases of scientific study and to analyse the structure of scientific texts. Students will be able to apply the basics of scientific writing in their papers. Additionally, they will be able to evaluate and analyse scientific information, use sources critically and prepare their own theses.

**Contents:**

Phases of a research process, research plan for a Candidate's Thesis and writing a Candidate's Thesis

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, instruction, independent work, and seminars, which include presenting a Candidate's Thesis and acting as an opponent

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *694720A Introduction to Statistical Analysis* and *694707A Research in Logopedics I: Methodology and Ethics I* is required.

**Recommended or required reading:**

Lecture material, scientific literature available

**Assessment methods and criteria:**

Seminars, which include presenting the Candidate's Theses the students will make, and acting as an opponent (80% attendance required), producing a Candidate's Thesis

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**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 ECTS credits

**Language of instruction:**

Finnish or Swedish (native language)

**Timing:**

3<sup>rd</sup> year, spring term

**Learning outcomes:**

Based on their assignment, students will be able to produce an essay, fluent in language and content, in which they will be able to evaluate the theoretical and methodological background and essential results of their paper.

**Learning activities and teaching methods:**

The Maturity Test will be taken in Examinarium.

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Successful completion of Candidate's Thesis is required.

**Assessment methods and criteria:**

Essay written during the exam

**Grading:**

Pass/Fail

**Person responsible:**

Representative named by the department

### *Elective Intermediate Studies*

#### **694791A: Assessment and Diagnostics of Disorders of the Communication, Language and Speech of Children and Youth, 7 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

7

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> year, autumn term

**Learning outcomes:**

Upon completion of the course, students will be able to explain the aetiology and differential diagnosis of the disorders of the communication, language and speech of children and youth. Students will be able to classify and identify different disorders in the development of communication, language and speech. Students will also be able to name, select and use assessment methods.

**Contents:**

Aetiology and differential diagnosis and assessment of the disorders of the communication, speech and language of children and youth

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

Varying teaching and learning methods

**Target group:**

Students majoring in Logopedics

**Prerequisites and co-requisites:**

The completion of the course *Introduction to Disorders in the Communication, Language and Speech of Children and Youth* is required.

**Recommended or required reading:**

Lecture material, additional material to be agreed on during the course

**Assessment methods and criteria:**

Examinations and written assignments

**Grading:**

0–5

**Person responsible:**

University Lecturer or University Teacher of Logopedics

**Working life cooperation:**

None

**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:**

3<sup>rd</sup> year, autumn term

**Learning outcomes:**

Upon completion of this course, students will be able to explain what normal voice control is and to classify voice disorders. Under supervision, they will be able to plan and implement clinical examination and therapy on a client with a voice disorder.

**Contents:**

Normal voice and voice control, voice disorders and their clinical examination and rehabilitation

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, exercises, assignments individually and in groups

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

This course is to be completed alongside of after the following courses *694766P Anatomy and Physiology of the Speech Organs* and *694742P Medical Examination and Intervention in Voice Disorders*.

**Recommended or required reading:**

Teaching material and literature: Literature will be announced later.

**Assessment methods and criteria:**

Examination, assignments individually and in groups

**Grading:**

0-5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

### **694796A: Disorders in the Communication of Adults III: Hearing Disabilities, Aging and Memory Disorders of Adults, 5 op**

**Voimassaolo:** 01.08.2015 -

**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:**

3<sup>rd</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to define the essential characteristics of the communication of adults suffering from hearing disabilities on different levels, and to analyse the circumstances affecting them. Students will be able to plan and implement clinical logopedic examination and rehabilitation of hearing disabilities adults have. Additionally, students will be able to analyse normal aging-related changes in communication and separate them from disorders caused by minimal cognitive impairment and dementia.

**Contents:**

The characteristics and evaluation of the communication of adults suffering from different levels of hearing disabilities and their rehabilitation; age-related changes in communication, communication disorders related to minimal cognitive impairment and dementia; identifying and using of cognitive ability screening

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, exercises and written assignments

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *694748P Neurology and Neuroanatomy*, *694745P Otorhinolaryngology and Plastic Surgery* and *694746P Audiology and Audiometry* is required.

**Recommended or required reading:**

Lecture materials, scientific literature available, and the book Tye-Murray, N. (2009). *Foundations of Aural Rehabilitation. Children, Adults and their Family Members*. Clifton Park: Delmar Cengage Learning. Pp. 383–527, Part III.

**Assessment methods and criteria:**

Lectures, exercises and written assignments

**Grading:**

0–5

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

**694797A: Disorders in the Communication of Adults IV: Motor Speech Disorders, 5 op**

**Voimassaolo:** 01.08.2015 -

**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:**

3<sup>rd</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to explain the essential neural processes behind the motor speech disorders and dysphagia, to identify the different disorders related to them, and to apply this knowledge in the assessment and rehabilitation of motor speech disorders.

**Contents:**

Neural processes related to motor speech disorders, the diagnosing and rehabilitation of motor speech disorders

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, exercises, written assignments

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the course *694748P Neurology and Neuroanatomy* is required.

**Recommended or required reading:**

Lecture material, scientific literature available

**Assessment methods and criteria:**

Lectures, exercises and written assignments

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

**694799A: Disorders in the Communication of Adults VI: Initial and Final Seminar, 2 op****Voimassaolo:** 01.08.2015 -**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> year, spring term**Learning outcomes:**

Upon completion of the course, students will be able to analyse the disorders related to communicating and deglutition of adults as well as their rehabilitation. Additionally, they will be able to evaluate their learning process.

**Contents:**

Summary of the disorders of communication of adults

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Seminar and a written assignment

**Target group:**

Students majoring in Logopedics

**Prerequisites and co-requisites:**Completion of the courses *Disorders in the Communication of Adults I–V* is required.**Recommended or required reading:**Lecture material from the lectures of the courses *Disorders in the Communication of Adults I–V***Assessment methods and criteria:**

Seminar and a written assignment

**Grading:**

0–5

**Person responsible:**

Professor or University Lecturer or University Teacher

**Working life cooperation:**

None

**694810A: Research in Logopedics I: Methodology and Ethics I, 3 op****Voimassaolo:** 01.08.2015 -**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:**

3<sup>rd</sup> year, autumn term

**Learning outcomes:**

Upon completion of the course, students will be able to explain and analyse the basics and norms of scientific research, different research settings and methods as well as to assess aspects of ethical research.

**Contents:**

Basics of scientific research, norms of science, research settings and methods, ethical aspects of research

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *694700P Introduction to Logopedics* and *694720A Introduction to Statistical Analysis* is required.

**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Grading:**

Pass/Fail

**Person responsible:**

University Lecturer

**Working life cooperation:**

None

### **694800A: Clinical Skills I, 7 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

7

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> year, autumn term

**Learning outcomes:**

Upon completion of the course, students will be able to explain what the areas of the rehabilitation system are and how they operate in this country. They will also be able to explain the implications of the legislation

of health care to the speech therapist, and they will learn to evaluate the ethical questions related to the work of a speech and language therapist. Additionally, students will have the knowledge required to start a clinical practicum. They will be able to identify the speech and language therapist's occupational concepts and fields of operation.

Students will be able to describe the theoretical basis of speech therapy testing and evaluation. Moreover, they will be able to use different methods of fostering linguistic development with children of varying ages. Finally, they will be able to apply the different principles of instructing a group to practice.

**Contents:**

The service system and its sectors, legislation of health care, basics of clinic work, ethical questions, the theoretical background of testing and evaluation, applying the methods of fostering linguistic development to a group of children

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

The learning activities and teaching methods of this course might vary.

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the courses titled *Development of Language and Communication* and *694700P Introduction to Logopedics* is required.

**Recommended or required reading:**

Lecture material, and the book Rissanen, P. Kallanranta, T. & Suikkanen, A. (Eds.) *Kuntoutus* (2008). 2<sup>nd</sup> Edition. Helsinki: Duodecim (Where applicable). [http://www.terveysportti.fi/dtk/oppi/koti?p\\_artikkeli=inf04503&p\\_selaus=15739](http://www.terveysportti.fi/dtk/oppi/koti?p_artikkeli=inf04503&p_selaus=15739) ( in Finnish)

**Grading:**

Pass/Fail

**Person responsible:**

University Lecturer or University Teacher

**Working life cooperation:**

Instructing nursery school groups on fostering language development

**694801A: Therapy I, 10 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

10 ECTS credits (5 + 5)

**Language of instruction:**

Finnish

**Timing:**

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

**Learning outcomes:**

Upon completion of the course, students will be able to plan and implement speech therapy rehabilitation. Additionally, they will be able to analyse the process of speech therapy and the profession of a speech and language therapist.

**Contents:**

Speech therapy rehabilitation of different disorders in communication

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

Supervised planning and implementing of two speech therapy periods and written assignments related to them, following and discussing therapy organised by students

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the course *Clinical Skills I* and the courses related to *Disorders in the Communication of Children and Youth* is required when applicable.

**Grading:**

Pass/Fail

**Person responsible:**

University Lecturer or University Teacher

**Working life cooperation:**

None

**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

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup> year, autumn term

**Learning outcomes:**

Students will present an updated and revised plan for their studies for a Candidate's Degree and evaluate their studies so far.

**Learning activities and teaching methods:**

Information session, personal guidance, a written evaluation of the studies so far

**Grading:**

Pass

**Person responsible:**

Amanuensis and Tutor Teacher

**Working life cooperation:**

None

**A111101: Phonetics, 10 - 25 op**

**Opiskelumuoto:** Minors

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kunnari, Sari Maarit

**Opintokohteen kielet:** Finnish

**Assessment methods and criteria:**

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

## **A100010: Psychology, 25 - 50 op**

**Opiskelumuoto:** Minors

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kunnari, Sari Maarit

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

*Compulsory minor subject 25 credits*

### **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

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year, autumn term

**Learning outcomes:**

Upon completion of this course, students will have fundamental knowledge about the theories and central issues of developmental psychology.

**Contents:**

The course covers the psychological development of people from early childhood to old age.

**Mode of delivery:**

Lectures and books. The course consists of a series of national virtual lectures. Additional information can be obtained from <http://www.psykonet.fi/> ( *In Finnish*).

**Learning activities and teaching methods:**

20 hours of lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture materials and the book: Nurmi, Ahonen, Lyytinen, Lyytinen et al. (Eds.): *Ihmisen psykologinen kehitys*, Additional reading: Berger: *The Developing Person Through the Life Span*, 6<sup>th</sup> edition (pp. 1–412) or 7<sup>th</sup> edition (pp. 1–443).

**Assessment methods and criteria:**

Examination

**Grading:**

0–5

**Working life cooperation:**

None

**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**ECTS Credits:**

5

**Language of instruction:**

Finnish

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

Upon completion of the course, students will have familiarised themselves with the basics of cognitive psychology and neuropsychology.

**Contents:**

The course covers the structure and development of the nervous system, and the cognitive and nervous mechanisms of perception, learning and retention.

**Mode of delivery:**

Lectures and books. The course consists of a series of national virtual lectures. Additional information can be obtained from <http://www.psykonet.fi/> (In Finnish).

**Learning activities and teaching methods:**

24 hours of lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material and Kolb & Whishaw: *Fundamentals of Human Neuropsychology*, 5<sup>th</sup> edition, chapters 1-10 and Eysenck : *Fundamentals of Cognition*, 1<sup>st</sup> edition, (chapters 1–14) or 2<sup>nd</sup> edition, (chapters 1–5). Additional reading: Hämäläinen et al. (Eds.) *Mieli ja Aivot: Kognitiivisen neurotieteen oppikirja* (2006), chapters 2–4.

**Assessment methods and criteria:**

Exam

**Grading:**

0–5

**Working life cooperation:**

None

**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

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will have deepened the knowledge acquired on the course *730098P Introduction to Cognitive Psychology and Neuropsychology* about the mechanics and research methods of cognitive processes.

**Contents:**

The lectures cover the essential research areas and methods of cognitive neuroscience.

**Mode of delivery:**

Lectures and literature. Half of the course consists of national lectures held by experts, and the other half consists of lectures held by University of Turku. More information is available at [www.psykonet.fi](http://www.psykonet.fi) ( /in Finnish).

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material and Hämäläinen et al. (Eds.): *Mieli ja Aivot: Kognitiivisen neurotieteen oppikirja* (2006)

**Assessment methods and criteria:**

Examination

**Grading:**

0–5

**Working life cooperation:**

None

### **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

**ECTS Credits:**

5

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will have an understanding of the paradigmatic approaches of health and mental health, the occurrence and classification of disorders in mental health, promoting health and mental health, and disorder intervention as well as the role of an expert in psychology in social and health care.

**Contents:**

The approaches to and basic terms of mental health; explanation models, occurrence and classifying systems of the disorders of mental health; critical stages, crises and problems of mental health across the life span; interventions of health and mental health; being an expert on psychology in health care

**Mode of delivery:**

Lectures and books. The course consists of a series of national virtual lectures. Additional information can be obtained from <http://www.psykonet.fi/> (In Finnish).

**Learning activities and teaching methods:**

14 hours of lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material and the books Smith, Nolen-Hoeksema, Fredrickson & Loftus (2003): *Atkinson and Hilgard's Introduction to Psychology*, chapters 14-16 and Lönnqvist, Heikkinen, Henriksson, Marttunen & Partonen (Eds.) (2007 or 2010): *Psykiatria*, chapters 1, 2, 4, 17, 26–28, 30, 33

**Assessment methods and criteria:**

Examination

**Grading:**

0–5

**Working life cooperation:**

None

**730101A: Child Neuropsychology, 3 op**

**Voimassaolo:** 01.01.2017 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**730102A: Neuropsychology, 3 op**

**Voimassaolo:** 01.01.2017 - 31.07.2019

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**A100011: Medicine, 16 - 40 op**

**Opiskelumuoto:** Minors

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kunnari, Sari Maarit

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

*Compulsory minor subject 15 credits*

**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:**

2<sup>nd</sup> year, spring term or 3<sup>rd</sup> year, spring term (The course is held biennially.)

**Learning outcomes:**

Upon completion of the course, students will be able to remember essential questions about psychiatry in different stages of life and related diseases, diagnostics and intervention. Additionally, they will be able to explain the services of mental health care and psychiatric intervention in Finland.

**Contents:**

Essential questions about psychiatry in different stages of life and related diseases, diagnostics and intervention, services of mental health care and psychiatric treatment in Finland

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0#5

**Person responsible:**

Professor

**Working life cooperation:**

None

**Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset**

## 694808P: A Laboratory Course in Clinical Acoustic Phonetics, 5 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Pentti Körkkö

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 (135h of work)

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> autumn (period II) and spring terms (period I)

**Learning outcomes:**

upon completion the student is able to independently carry out clinically valuable acoustic measurements of speech and voice using relevant speech material recorded in the field and/or studio; the student is able to select relevant acoustic analyses and measurements and to interpret and to evaluate the significance of measurement results; the student is also capable of selecting and utilizing adequate tools in writing scientific lab reports

**Contents:**

research area and aims of acoustic clinical phonetics; acoustic measurements of speech and voice; research tools for acoustic analyses and measurements; planning and writing lab reports

**Mode of delivery:**

face-to-face teaching, online and independent exercise work and recording studio work

**Learning activities and teaching methods:**

lectures 10h / total exercises 30h with 20h independent exercises, studio and analysis-measurement work / independent studies 53h including recommended readings and preparation for exam / lab report writing 40h / 2h examination

**Target group:**

major and minor students of logopedics

**Prerequisites and co-requisites:**

completion of the courses 694738P General phonetics and Finnish phonology and 694739P Acoustic Phonetics

**Recommended or required reading:**

recommended reading: Baken & Orlikoff, Clinical measurement of speech and voice, pp 93–284

**Assessment methods and criteria:**

written exam, laboratory and studio exercises, measurements of speech and voice in the lab, written lab report (8–12 pages); assessment criteria is based on the learning outcomes of the course; read more about assessment criteria on the University of Oulu webpage

**Grading:**

1–5 (0 = fail)

**Person responsible:**

lecturer in phonetics

**Working life cooperation:**

None

## 694807P: Acoustic Phonetics, 3 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Pentti Körkkö

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 (81h studies)

**Language of instruction:**

Finnish

**Timing:**

2nd autumn term, periods I and II

**Learning outcomes:**

upon completion the student is able to explain the basic concepts of speech acoustics and the acoustic theory of speech production; the student is able to identify and to describe Finnish vowel and consonant sounds and the acoustic properties of prosodic phenomena; the student is also able to use special software tools to locate and to annotate speech samples and to record speech samples in the studio

**Contents:**

basic acoustics, acoustics of speech and speech production; acoustic features of Finnish vowels and consonants; software tools for acoustic analysis and measurements of speech and voice; recording speech materials

**Mode of delivery:**

face-to-face teaching, online exercise work and recording studio work

**Learning activities and teaching methods:**

lectures 24h / total exercises 8h with 4h independent online and studio work / independent studies 47h including recommended readings and preparation for exam / 2h examination

**Target group:**

major and minor students of logopedics

**Prerequisites and co-requisites:**

completion of the course 694738P General phonetics and Finnish phonology

**Recommended or required reading:**

recommended reading: Suomi, Johdatusta puheen akustiikkaan, pp. 1–170 (or a similar text book on speech acoustics in English)

**Assessment methods and criteria:**

written examination, assessment criteria is based on the learning outcomes of the course; read more about assessment criteria on the University of Oulu webpage

**Grading:**

1–5 (0 = fail)

**Person responsible:**

lecturer in phonetics

**Working life cooperation:**

None

## 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:**

4<sup>th</sup> year, autumn term

**Learning outcomes:**

Upon completion of the course, students will be able to explain the basics of test theory, and to apply the methods of statistical deduction to data in research in Logopedics. Students will be able to critically assess studies which have used statistical methods and patterns. Additionally, students will be able to process statistical information using SPSS analysis software.

**Contents:**

Test theory, statistical methods, evaluating statistical methods and patterns, the basics of processing statistical information, the use of SPSS software

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures and exercises

**Target group:**

Students of Logopedics and Information Studies

**Prerequisites and co-requisites:**

Completion of the course *694720A Introduction to Statistical Analysis* is required.

**Recommended or required reading:**

Lecture material. Information about the additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

## 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> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to name the essential structures of the speech and respiratory organs and can outline their functions. They will be able to identify different phoniatic research methods and interpret the results from the viewpoint of organising rehabilitation of voice disorders in speech therapy.

**Contents:**

Basic knowledge of the structure of speech and respiratory organs and phoniatic research methods

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0#5

**Person responsible:**

Professor

**Working life cooperation:**

None

## 694746P: Audiology and Audiometry, 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:**

2<sup>nd</sup> year, autumn term

**Learning outcomes:**

Upon completion of the course, students will be able to define and explain essential facts about normal hearing, balance control, hearing disorders and their examination, intervention and rehabilitation methods as well as the rehabilitation services of hearing.

**Contents:**

Normal hearing, balance control, hearing disorders and their examination, intervention and rehabilitation methods, the rehabilitation services of hearing

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the course *694745P Otorhinolaryngology and Plastic Surgery* is required.

**Recommended or required reading:**

Lecture material and additional literature: Jauhiainen, T., Arlinger, S., Baldursson, G., Laukli, E., Nielsen, P., Svendsen, B. (Eds.), *Audiologia* (2008). Duodecim.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

## 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:**

1<sup>st</sup> year, spring term

**Learning outcomes:**

Upon completion of this course, students will be able to explain essential facts about the neurological diseases and development issues of children and their medical diagnosis, rehabilitation and rehabilitation services.

**Contents:**

The neurological diseases and development issues of children and their medical diagnosis, rehabilitation and rehabilitation services

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

**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, English

**Timing:**

2<sup>nd</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to identify the specific nature of neuropsychological disorders and define some of the basic mechanisms of the neuropsychological disorders of adults and children.

**Contents:**

The main types and mechanisms of the neuropsychological disorders of adults and children.

**Mode of delivery:**

A series of virtual lectures, and books

**Learning activities and teaching methods:**

26 hours of lectures

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the course *730099A Cognitive Neuroscience* is required.

**Recommended or required reading:**

Lecture material and the books Kolb & Whishaw: *Fundamentals of Human Neuropsychology*, 5<sup>th</sup> edition, chapters 11–28 and Anderson, Northam & Wrennall: *Developmental Neuropsychology: A Clinical Approach (Brain, Behaviour and Cognition)*, chapters 1, 4–11. Recommended reading: Hämäläinen ym. (Eds.): *Mieli ja Aivot: Kognitiivisen neurotieteen oppikirja* (2006), chapters 2–4, 6–9.

**Assessment methods and criteria:**

Examination

**Grading:**

0–5

**Working life cooperation:**

None

**694795A: Disorders in the Communication of Adults II: Aphasiology, 5 op**

**Voimassaolo:** 01.08.2015 -

**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:**

3<sup>rd</sup> year, autumn term

**Learning outcomes:**

Upon completion of the course, students will be able to explain the neural processes behind aphasia, to analyse different types and the psychosocial effects of aphasia. Students will be able to name, select and use the testing and assessment methods of aphasia. Additionally, they will be able to explain and analyse the special characteristics of aphasia rehabilitation and apply the rehabilitation methods.

**Contents:**

Neural processes related to aphasia, evaluation methods, types and rehabilitation methods of aphasia

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, exercises, independent study

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the course *694748P Neurology and Neuroanatomy* is required.

**Recommended or required reading:**

Lecture material, scientific literature available

**Assessment methods and criteria:**

Methods to be agreed on, for example examinations and a written assignment

**Grading:**

0–5

**Person responsible:**

University Lecturer or University Teacher

**Working life cooperation:**

None

## **694798A: Disorders in the Communication of Adults V: Dysphagia, 3 op**

**Voimassaolo:** 01.08.2015 -

**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:**

3<sup>rd</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to explain different neural processes behind deglutition and to analyse different types of dysphagia. They will be able to select and implement the essential rehabilitation methods of dysphagia. Additionally, students will be able to identify and use some of the assessment methods of the process of deglutition.

**Contents:**

Neural processes related to deglutition, types and rehabilitation of dysphagia, rehabilitation methods

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures, exercises and written assignments

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the course *694748P Neurology and Neuroanatomy* is required.

**Recommended or required reading:**

Lecture material, scientific literature available

**Assessment methods and criteria:**

Lectures, exercises and written assignments

**Grading:**

0–5

**Person responsible:**

Professor, University Lecturer or University Teacher

**Working life cooperation:**

None

**694815S: Evolution of communication, 5 op**

**Voimassaolo:** 21.09.2016 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Matti Lehtihalmes

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

Spring 2017

**Learning outcomes:**

Students learn about the special features of communication of human and other animals, various forms of human linguistic and non-linguistic communication as well as different theories of evolution of human speech and language. After the course, students are able to explain basic evolutionary routes of communication.

**Contents:**

Forms and features of animal communication. Evolution of cognition and culture. Evolution of speech, language and interaction.

**Mode of delivery:**

Lectures and workshops 20 h; independent work 115 h

**Learning activities and teaching methods:**

Lectures and learning diary

**Target group:**

Not specified

**Prerequisites and co-requisites:**

No prerequisites

**Recommended or required reading:**

Scientific literature on the evolution of communication

**Assessment methods and criteria:**

In order to pass the course, students have to actively participate in the classes, return their writing assignments in time and display their knowledge about the contents of the course as well as their own thinking about the subject in the learning diary.

**Grading:**

Pass/fail

**Person responsible:**

Matti Lehtihalmes

**Working life cooperation:**

None

**Other information:**

The course is part of the minor subject "Human evolution and behaviour"

**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 Kärkkö

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

4 (108h of studies)

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> autumn term, periods I and II

**Learning outcomes:**

upon completion the student is able to explain processes of speech production, to name and to classify speech sounds and features and to explain the general and special features of the Finnish sound system and, finally, to identify its major phonetic variations

**Contents:**

language and speech, speech production, phonetic description and classification of speech sounds, speech prosody, basics of Finnish phonology

**Mode of delivery:**

face-to-face teaching and online exercise work

**Learning activities and teaching methods:**

lectures 42h / exercises 8h of which independent online studies 5h / independent study work 54h including recommended readings and preparations for exam / examinations 2h+2h

**Target group:**

major and minor students of logopedics

**Recommended or required reading:**

recommended reading: Suomi, Toivanen & Ylitalo (2009), Finnish sound structure

**Assessment methods and criteria:**

written examination, assessment criteria is based on the learning outcomes of the course; read more about assessment criteria on the University of Oulu webpage

**Grading:**

1–5 (0 = fail)

**Person responsible:**

lecturer in phonetics

**Working life cooperation:**

None

**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> year, spring term or 3<sup>rd</sup> year, spring term (The course is held biennially.)

**Learning outcomes:**

Upon completion of the course, students will be able to identify the diseases related to aging as well as the characteristic of their intervention. Additionally, they will be able to apply their knowledge of Logopedics to different questions related to eldercare.

**Contents:**

Diseases related to aging and the characteristics of their intervention, eldercare in Finland

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0#5

**Person responsible:**

Professor

**Working life cooperation:**

None

## 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:**

1st year, autumn term (as an optional course timing is free)

**Learning outcomes:**

Upon completion of this course, students will be able to analyse the structure of language scientifically and systematically. They will be able to apply the analytical tools of phonology, morphology, and syntax in 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:**

Lectures

**Learning activities and teaching methods:**

40 hours of lectures, 68 hours of independent study

**Target group:**

Students of languages and others interested in languages

**Prerequisites and co-requisites:**

None

**Recommended or required reading:**

Assigned readings

**Assessment methods and criteria:**

Formal examination

**Grading:**

0–5

**Person responsible:**

Lecturer in Linguistics

**Working life cooperation:**

None

**Other information:**

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

**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> year, spring term or 3<sup>rd</sup> year, spring term (The course is held biennially.)**Learning outcomes:**

Upon completion of the course, students will be able to identify deviation in the craniofacial area, to assess related medical information and to apply it when conducting speech therapy.

**Contents:**

Deviations and trauma in the face and cranium and their medical examination and intervention

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**Completion of the courses *694766P Anatomy and Physiology of the Speech Organs* and *694767P Orthodontics* is required.**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0#5

**Person responsible:**

Professor

**Working life cooperation:**

None

**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:**2<sup>nd</sup> year, autumn term**Learning outcomes:**

Upon completion of the course, students will be able to name the essential aetiological factors of different voice disorders. They will be able to explain what is included in a clinical examination, how a medical diagnosis is done based on the examination and what is included in the medical intervention of different types of voice disorders.

**Contents:**

Aetiology of voice disorders, clinical examination, medical diagnosis and treatment

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**Completion of the course *694766P Anatomy and Physiology of the Speech Organs* is required.**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0#5

**Person responsible:**

Professor

**Working life cooperation:**

None

**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> year, autumn term**Learning outcomes:**

Upon completion of the course, students will be able to explain essential facts about human neuroanatomy, identify neurological diseases and their medical diagnosis methods as well as to apply their logopedic knowledge to the different levels of the rehabilitation of neurological diseases.

**Contents:**

Neuroanatomy, neurological diseases and their diagnosis and rehabilitation services

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**Completion of the course *694766P Anatomy and Physiology of the Speech Organs* is required.**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0#5

**Person responsible:**

Professor

**Working life cooperation:**

None

**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:**1<sup>st</sup> year, spring term**Learning outcomes:**

Upon completion of the course, students will be able to explain the normal development of the dentition. Additionally, they will be able to name disorders in the development of dentition and the basics of their treatment. Students will also be able to proportion the knowledge of dentition development and disorders with work in Logopedics.

**Contents:**

Normal development and disorders of dentition and their treatment

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0#5

**Person responsible:**

Professor

**Working life cooperation:**

None

**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

**Language of instruction:**

Finnish

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

Upon completion of the course, students will be able to define and explain the development, clinical examination and intervention of the most common otorhinolaryngological diseases.

**Contents:**

The development, clinical examination and intervention of the most common otorhinolaryngological diseases

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures

**Target group:**

Students of Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *694766P Anatomy and Physiology of the Speech Organs* and *694767P Orthodontics* is required.

**Recommended or required reading:**

Lecture material. Information about additional literature can be obtained from the teacher of the course.

**Assessment methods and criteria:**

Formal examination

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

**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

**Language of instruction:**

Finnish

**Timing:**

3rd year, autumn term

**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:**

Independent study of literature

**Target group:**

Logopedics, Phonetics and General Linguistics students

**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:**

University teacher

**Working life cooperation:**

None

## 694792A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth 1, 7 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

7

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> year, autumn term

**Learning outcomes:**

Upon completion of this course, students will be able to explain the principles of the rehabilitation of disorders of the communication, language and speech of children. Additionally, students will be able to identify different rehabilitation methods and to apply them in speech therapy rehabilitation.

**Contents:**

The principles and methods of the rehabilitation of the disorders in the communication, language and speech of children

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

Varying teaching and learning methods

**Target group:**

Students majoring in Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *Introduction to Disorders in the Communication, Language and Speech of Children and Youth* and *Assessment and Diagnostics of Disorders of the Communication, Language and Speech of Children and Youth* is required.

**Recommended or required reading:**

Lecture material, additional material to be agreed on during the course and the following books:

a) Kunnari, S. & Savinainen-Makkonen, T. (Eds.), *Pienten sanat – Lasten äänteellinen kehitys* (pp. 143–214, 257–267, 291–299)

b) Von Tetzchner, M. & Martinsen, H. (2010). *Johdatus puhetta tukevaan ja korvaavaan kommunikointiin*. Helsinki: Kehitysvammaliitto (pp. 157–310)

c) Loukusa, S. & Paavola, L. (2011). *Lapset kieltä käyttämässä*. Jyväskylä: PS-kustannus. (Chapters 8, 15, 16, 18, 19)

**Assessment methods and criteria:**

Examinations and written assignments

**Grading:**

0–5

**Person responsible:**

University Lecturer or University Teacher of Logopedics

**Working life cooperation:**

None

## 694793A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth II, 7 op

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

7

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to explain and analyse the special characteristics of the rehabilitation of the disorders in the communication, language and speech of children. Additionally, students will be able to apply rehabilitation methods in speech therapy rehabilitation.

**Contents:**

The special characteristics and rehabilitation methods of the disorders in the communication, language and speech of children and youth

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

Varying teaching and learning methods

**Target group:**

Students majoring in Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *Introduction to Disorders in the Communication, Language and Speech of Children and Youth* and *The Assessment and Diagnostics of Disorders of the Communication, Language and Speech of Children and Youth* is required.

**Recommended or required reading:**

Lecture material, additional material to be agreed on during the course, exam book Tye-Murray, N. (2009). *Foundations of Aural Rehabilitation. Children, Adults, and their Family Members*. Clifton Park: Delmar Cengage Learning. Pp. 529–665, part IV, and other material for the exam to be agreed on with the teacher

**Assessment methods and criteria:**

Examinations and written assignments

**Grading:**

0–5

**Person responsible:**

University Lecturer or University Teacher in Logopedics

**Working life cooperation:**

None

## **694794A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth III, 2 op**

**Voimassaolo:** 01.08.2015 -

**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> year, autumn term

**Learning outcomes:**

Upon completion of the course, students will be able to describe the rehabilitation of the disorders in the communication, language and speech of children and youth in the context of topical research material.

**Contents:**

Studying the special area of either the assessment or the rehabilitation of the disorders in the communication, language and speech of children and youth

**Mode of delivery:**

Independent study

**Learning activities and teaching methods:**

A written assignment

**Target group:**

Students majoring in Logopedics

**Prerequisites and co-requisites:**

Completion of the courses *Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth I* and *II* is required.

**Assessment methods and criteria:**

A written assignment

**Grading:**

0-5

**Person responsible:**

University Lecturer or University Teacher in Logopedics

**Working life cooperation:**

None

## 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 ECTS credits / 81 hours of work

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year, period I

**Learning outcomes:**

Students will be able to define the basic phonological, morphological, and syntactic structures of modern standard Finnish.

**Contents:**

Introduction to scholarly depiction of structures of Finnish

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Lectures (24 h); exercises (10 h); and independent study (47 h); or alternatively independent study online (81 h)

**Target group:**

Students in language programmes in the Faculty of Humanities

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

*Introduction to General Linguistics* must be completed at the same time.

**Recommended or required reading:**

Online reading material

**Assessment methods and criteria:**

The assessment of the course is based on a formal examination, and the assessment criteria are based on the learning outcomes of the course.

**Grading:**

0–5

**Person responsible:**

University Lecturer Katja Västi

**Working life cooperation:**

None

**Other information:**

Students majoring in Finnish Language will include the course in the Language and Communication studies.