

# Opasraportti

## FHum - Logopedics (2020 - 2021)

University's new study guide for academic year 2020-2021 is published at <https://opas.peppi oulu.fi>

The study guide includes information on degrees, curriculums, courses and course timetables. Course registrations are still done in Oodi.

If you have questions on information in the study guide, please contact the study field's Academic Affairs Service Team <https://www oulu.fi/forstudents/faculty-study-affairs>

## Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

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

694825A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth I, 8 op

694833A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth II, 7 op

694827A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth III, 5 op

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

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

694830A: Disorders in the Communication of Adults II: Aphasiology, 6 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

694828A: Disorders in the Communication of Adults V: Dysphagia, 4 op

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

694800A: Clinical Skills I, 7 op

694801A: Therapy I, 10 op

694821A: , 5 op

694834A: , 2 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

694812S: Master's Thesis, 30 op

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

694822S: Expertise and working life skills in Logopedics I, 12 op

694823S: Expertise and working life skills in Logopedics II, 5 op

- 694804S: Clinical Skills II, 7 op  
 694805S: Therapy II, 10 op  
 694829S: Clinical Skills III, 25 op  
 A110501: Logopedics, basic studies, 25 op  
*Compulsory basic studies*  
 694753Y: Personal Study Plan 1 (Bachelor's degree), 0 op  
 694700P: Introduction to Logopedics, 6 op  
 694816P: Speech acoustics, 2 op  
 694809P: Development of Language and Communication: Stages of the Language Development of Children, 6 op  
 694817P: Development of Language and Communication: Fostering Linguistic Development and Instructing of Child Group, 5 op  
 694824P: Introduction to Disorders in the Communication, Language and Speech of Children and Youth, 6 op  
 A100011: Medicine, 16 - 40 op  
*Compulsory minor subject 15 credits*  
 694749P: Psychiatry across the life-span, 3 op  
 694818A: Anatomy and Physiology of the Speech Organs, 5 op  
 694819A: , 5 op  
 694820A: Clinical medicine, 3 op  
 A111101: Phonetics, 10 - 25 op  
*Compulsory minor subject 22 credits*  
 694958Y: Structure of Finnish, 5 op  
 694959Y: Introduction to General Linguistics and Phonetics, 5 op  
 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  
 694832A: , 5 op  
 730103A: , 5 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

#### **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

**Opinto-kohteen 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

**Opettajat:** Elina Niemitalo-Haapola

**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

**694825A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth 1, 8 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Elina Niemitalo-Haapola

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

8 ect credits

**Language of instruction:**

Finnish

**Timing:**

2nd 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, altogether 216 h of work.

**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:  
 Kunnari, S. & Savinainen-Makkonen, T. (toim.) 2012: *Pienten sanat – Lasten äänteellinen kehitys* (s. 143–214, 257–267, 291–299); Von Tetzchner, M. & Martinsen, H. 2010: *Johdatus puhetta tukevaan ja korvaavaan kommunikointiin*. Helsinki: Kehitysvammaliitto (s. 157–310); Loukusa, S. & Paavola, L. (2011). *Lapset kieltä käyttämässä*. Jyväskylä: PS-kustannus (luvut 8, 15, 16, 18, 19).

**Assessment methods and criteria:**

Examinations and written assignments. The lecturer defines attendance requirements.

**Grading:**

0-5

**Person responsible:**

University lecturer tai university teacher of Logopedics

**694833A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth II, 7 op**

**Voimassaolo:** 01.08.2019 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**694827A: Rehabilitation of the Disorders in the Communication, Language and Speech of Children and Youth III, 5 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits

**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 assessment and 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:**

Blended learning

**Learning activities and teaching methods:**

Varying teaching and learning methods, altogether 135 h of work.

**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:**

Written assignments. The lecturer defines attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

University lecturer or university teacher in Logopedics

**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 ECTS cr

**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.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Group and personal guidance, a written evaluation of the studies so far

**Recommended or required reading:**

Course catalogue

**Assessment methods and criteria:**

Personal study plan, self-evaluation of the studies

**Grading:**

Pass/Fail

**Person responsible:**

Tutor Teacher

**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

**Opettajat:** Leila Paavola-Ruotsalainen

**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

### **694830A: Disorders in the Communication of Adults II: Aphasiology, 6 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6 ECTS credits

**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 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 and independent studies

**Learning activities and teaching methods:**

Lectures, exercises, independent studies altogether 162 h.

**Target group:**

Students majoring in Logopedics

**Prerequisites and co-requisites:**

Child and Adult Neurology

**Recommended or required reading:**

Lecture material, scientific literature available

**Assessment methods and criteria:**

Written assignments and exam. The lecturer defines attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

University lecturer or university teacher

### **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

**Opettajat:** Terhi Hautala

**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:**

University teacher

**Working life cooperation:**

None

**694828A: Disorders in the Communication of Adults V: Dysphagia, 4 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Eeva Vesa

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

4 ECTS credits

**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 and independent studies

**Learning activities and teaching methods:**

Lectures, exercises and written assignments altogether 108 h.

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture material, scientific literature available

**Assessment methods and criteria:**

Lectures, exercises and written assignments. The lecturer defines attendance requirements

**Grading:**

0-5

**Person responsible:**

Professor, university lecturer or university teacher

**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

**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

**694821A: , 5 op****Voimassaolo:** 01.08.2017 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Humanities**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

2nd year, spring term

**Learning outcomes:**

Upon completion of the course, students will be able to plan data collection and to consider the process of acquiring observational data; to evaluate the sample of current survey and measuring the variables; to create observational data using statistical software and to use it independently for handling and analysing the data; to describe the data with applicable methods; to apply the fundamental principles of statistical deduction in analysing study questions; to identify the multivariable and statistical methods applied in analysing the observational data; to report scientific study results and to critically assess studies which have used statistical methods.

**Contents:**

Planning a quantitative study and acquiring observational data; variables and measuring, and creating data matrix; choosing and presenting the data studied; choosing statistical method: statistical tests and confidence intervals; analysing the data with statistical software: regression analysis, variance analysis and covariance analysis with interpreting the results; reliability, factor analysis and principal component analysis; statistical literacy: interpreting tables and figures, evaluating statistical results.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Contact teaching: 28 h lectures and 21 h exercises, partly in computer class. Independent studies 86 h which include accomplishing pre-lecture exercises.

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Lecture and exercise material. Information about additional literature can be obtained from the teacher of the course. Pre-lecture exercises and examination. The lecturer defines attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**Assessment methods and criteria:**

Pre-lecture exercises and examination. The lecturer defines attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

Professor

**694834A: , 2 op****Voimassaolo:** 01.08.2020 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

## **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 ECTS credits

### **Language of instruction:**

Finnish

### **Timing:**

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

### **Learning outcomes:**

Upon completion of this course, students will have a plan for their Master's Degree.

### **Mode of delivery:**

Contact teaching

### **Learning activities and teaching methods:**

Personal study guidance in groups

### **Target group:**

Students of Logopedics

### **Recommended or required reading:**

Course catalogue

### **Assessment methods and criteria:**

Personal study plan

### **Grading:**

Pass/Fail

### **Person responsible:**

Tutor teachers

**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 ECTS credits

**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 and independent studies

**Learning activities and teaching methods:**

Lectures and literature altogether 135 h

**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:

Opetusmateriaali ja kirjallisuus: Orlikoff, R.F., Schiavetti, N., &amp; Metz, D.E. &amp; (2015).

Evaluating research in communication disorders. 7. painos. New Jersey: Pearson Inc., ss. 72-203, 419-440.

Remes, P., Hirsjärvi, S. & Sajavaara, P. (2009 tai uudempi painos). Tutki ja kirjoita. Helsinki: Tammi. (soveltuvin osin, erityisesti luvut 5 ja 8)

**Assessment methods and criteria:**

Lectures, literature, a book exam. The lecturer defines attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**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

#### **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

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

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

0

**Language of instruction:**

Finnish or Swedish (mother tongue)

**Timing:**

5th year

**Learning outcomes:**

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

**Mode of delivery:**

Self study

**Learning activities and teaching methods:**

Written abstract of the thesis

**Target group:**

Logopedics students

**Prerequisites and co-requisites:**

Master Thesis is under review

**Recommended optional programme components:**

None

**Assessment methods and criteria:**

Written abstract of the thesis

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

**Grading:**

pass, fail

**Person responsible:**

Supervisor of the thesis

**Working life cooperation:**

No

**694822S: Expertise and working life skills in Logopedics I, 12 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kaisu Heinänen

**Opintokohteen kielet:** Finnish

**694823S: Expertise and working life skills in Logopedics II, 5 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kaisu Heinänen

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Learning outcomes:**

Upon completion this course student will be able to analyze and apply theoretical and methodological knowledge and working life skills needed for professional development. The student can apply scientific knowledge in clinical practice.

**Contents:**

The student compiles courses from different disciplines that support his/her expertise in logopedics and working life skills (eg. special pedagogics, gerontology, economics, genetics, computer science; participation in scientific and professional congresses; entrepreneurship studies; advanced literature exam).

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

The implementation methods of the course vary, altogether 135 h.

**Target group:**

Students in Logopedics

**Assessment methods and criteria:**

There are many ways to complete the course. The lecturers define attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

Pass / Fail

**Person responsible:**

Professor, university lecturer or university teacher

**Working life cooperation:**

During completion of this course different work assignments and projects in collaboration with companies and organizations are possible.

**694804S: Clinical Skills II, 7 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kaisu Heinänen

**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

**694829S: Clinical Skills III, 25 op****Voimassaolo:** 01.08.2017 -**Opiskelumuoto:** Advanced Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Terhi Hautala

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

24 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

5th year, autumn 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, or at rehabilitation firm.

A written report of the training, in which own learning and professional growth are reflected.

**Target group:**

Students in 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, Expertise and working life skills in Logopedics I and I1, Clinical Skills II and Therapy II.

**Assessment methods and criteria:**

Practical training period and a report on the training. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

0–5 (based on the assessment done by the supervisor during the training period) and a report on the training professional growth (pass/fail).

**Person responsible:**

University Lecturer or University Teacher

**Working life cooperation:**

Practical training period of 4 months in a unit offering the Social and health care services or education, or at rehabilitation firm.

## **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*

**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 ECTS cr

**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.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Personal study guidance individually and in groups

**Target group:**

Students of Logopedics

**Recommended or required reading:**

Course catalogue

**Assessment methods and criteria:**

Personal study plan

**Grading:**

Pass/Fail

**Person responsible:**

Tutor Teachers

**Working life cooperation:**

None

**694700P: Introduction to Logopedics, 6 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kerttu Huttunen

**Opintokohteen kielet:** Finnish



**Leikkaavuudet:**

ay694700P Introduction to Logopedics (OPEN UNIV) 6.0 op

**ECTS Credits:**

6 ECTS credits

**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.

It is recommended to complete the Information retrieval course together with this course.

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

Lectures and independent work altogether 162 h.

**Target group:**

Students majoring and minoring in Logopedics

**Recommended or required reading:**

Lecture material and scientific literature available

**Assessment methods and criteria:**

Written assignments. The lecturer defines attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

0–5

**Person responsible:**

Professor

**Working life cooperation:**

None

**694816P: Speech acoustics, 2 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Pentti Körkkö

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

2nd year, autumn term

**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 software tools to annotate speech samples.

**Contents:**

Basic acoustics of speech and speech production; acoustic features of Finnish vowels and consonants; software tools for acoustic analysis and measurements of speech and voice

**Mode of delivery:**

Face-to-face teaching, online studies

**Learning activities and teaching methods:**

Lectures and independent studies altogether 54 h.

**Target group:**

Major and minor students of logopedics

**Prerequisites and co-requisites:**

Completion of the courses Structure of Finnish and Introduction to General Linguistics and Phonetics

**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. The lecturer defines attendance requirements. Read more about assessment criteria on the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

Lecturer in phonetics

**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 ECTS credits

**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. The lecturer defines attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

0–5

**Person responsible:**

University Lecturer and/or University Teacher

**Working life cooperation:**

None

**694817P: Development of Language and Communication: Fostering Linguistic Development and Instructing of Child Group, 5 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS Credits

**Language of instruction:**

Finnish

**Timing:**

1st 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, instructing of a child group.

**Mode of delivery:**

Blended teaching

**Learning activities and teaching methods:**

Lectures, exercises, group work, instructing of child group and independent studies altogether 135 h.

**Target group:**

Students of logopedics.

**Prerequisites and co-requisites:**

Completion of the course Development of Language and Communication: Stages of the Language Development of Children

**Recommended or required reading:**

Lecture material and additional related literature

**Assessment methods and criteria:**

Individual assignments and group assignments, instructing preschool groups on fostering language development. The lecturer defines attendance requirements. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

Pass/Fail

**Person responsible:**

University lecturer or university teacher

**Working life cooperation:**

Instructing of child group. Cooperation with organizations of social care and school system.

**694824P: Introduction to Disorders in the Communication, Language and Speech of Children and Youth, 6 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay694824P Introduction to Disorders in the Communication, Language and Speech of Children and Youth (OPEN UNIV) 6.0 op

**ECTS Credits:**

6 ECTS credits

**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 studies altogether 162 h.

**Target group:**

Students majoring and minoring in Logopedics

**Recommended or required reading:**

- Ahonen, T., Määttä, S., Meronen, A. & Lyytinen, P. (2014). Kielen kehityksen vaikeudet. Teoksessa T. Siiskonen, T. Aro, T. Ahonen & R. Ketonen (toim.), *Joko se puhuu? Kielenkehityksen vaikeudet varhaislapsuudessa* (s. 72–103). Jyväskylä: PS-kustannus.
- Arvio, M. & Aaltonen, S. (2012). Kehitysvammainen potilaana. Helsinki: Duodecim. s. 12–104; 158–164.
- Brock, J. & Arciuli, J. (2014) (toim.). *Communication in Autism. Trends in Language Acquisition Research 11*. Amsterdam / Philadelphia: John Benjamins Publishing Company. ss. 1–7; 11–28; 55–74; 103–122; 147–168.
- Dufva, V. & Koivunen, M. (2012). ADHD. Diagnostiikka, hoito ja hyvä arki. Jyväskylä: PS-kustannus. s. 35–64; 135–192; 211–230.
- Ervast, L. & Leppänen, P. (2010). Kielellinen erityisvaikeus. Teoksessa P. Korpilahti, O. Aaltonen & M. Laine (toim.), *Kieli ja aivot* (s. 211–221). Turku: Turun yliopisto.
- Huttunen, K. (2010). Kuulovian vaikutukset kommunikaatiotaitojen kehittymiseen. Teoksessa P. Korpilahti, O. Aaltonen & M. Laine (toim.), *Kieli ja aivot* (s. 222–228). Turku: Turun yliopisto.
- Jansson-Verkasalo, E. & Eggers, K. (2010). Änkytys. Teoksessa P. Korpilahti, O. Aaltonen & M. Laine (toim.), *Kieli ja aivot* (s. 235–242). Turku: Turun yliopisto.
- Korpilahti, P., Arikka, H. & Wallden, T. (2014). Puhkeen ja kielen kehityksen häiriöt. Teoksessa H. Pihko, L. Haataja, H. Rantala (toim.), *Lastenneurologia* (s. 46–58). Helsinki: Duodecim.
- Kunnari, S. & Savinainen-Makkonen, T. (toim.) (2012). *Pienten sanat – Lasten äänteellinen kehitys*. Jyväskylä: PS-kustannus. s. 17–62.
- Launonen, K. & Klippi, A. (2009). Puheterapia kuntoutusmuotona. Teoksessa O. Aaltonen, R. Aulanko, A. Iivonen, A. Klippi & M. Vainio (toim.), *Puhuva ihminen. Puhetieteiden perusteet* (s. 287–294). Helsinki: Otava.
- Lyytinen, H. (2010). Dysleksia. Teoksessa P. Korpilahti, O. Aaltonen & M. Laine (toim.), *Kieli ja aivot* (s. 257–262). Turku: Turun yliopisto.
- Mäenpää, H. (2014). CP-vamma. Teoksessa H. Pihko, L. Haataja, H. Rantala (toim.), *Lastenneurologia* (s. 128–137). Helsinki: Duodecim.
- Närhi, V., Seppälä H. & Kuikka, P. (2010). Laaja-alaiset oppimisvaikeudet. Jyväskylä: Niilo Mäki Instituutti. s. 14–93.
- Von Tetzchner, M. & Martinsen, H. (2010). Johdatus puhetta tukevaan ja korvaavaan kommunikointiin. Helsinki: Kehitysvammaliitto. s. 20–51; 61–84.

**Assessment methods and criteria:**

Book exam. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

0-5

**Person responsible:**

University teacher or university lecturer of Logopedics

**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

**Opettajat:** Kaisu Heinänen

**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

**694818A: Anatomy and Physiology of the Speech Organs, 5 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

1<sup>nd</sup> year, autumn and spring term

**Learning outcomes:**

Upon completion of this course the student will be able to name the principles of speech organs and can outline their functioning.

**Contents:**

Basic knowledge of the anatomy and physiology of speech organs

**Mode of delivery:**

Independent studies

**Learning activities and teaching methods:**

Book exam. Independent studies altogether 135 h.

**Target group:**

Students in Logopedics

**Recommended or required reading:**

Seikel, J. A., Drumright, D. G. & King, D. W. (2016). Anatomy & physiology for speech, language and hearing. New York: Cengage Learning. pp. 49–498.

**Assessment methods and criteria:**

Book exam

**Grading:**

0-5

**Person responsible:**

Professor, university lecturer or university teacher

#### **694819A: , 5 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kaisu Heinänen

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

2nd year, autumn term

**Learning outcomes:**

Upon completion of this course the student will be able to explain basic knowledge about neuroanatomy and -physiology. The student will be able to identify neurological diseases in children and adults, and their medical diagnostic markers, etiological factors and medical treatment.

**Contents:**

Neuroanatomy and -physiology, child and adult neurology, neurological diseases and its diagnostic and treatment.

**Mode of delivery:**

Blended learning

**Learning activities and teaching methods:**

The implementation methods of the course vary, altogether 135 of work.

**Target group:**

Students of Logopedics

**Assessment methods and criteria:**

Exam

**Grading:**

0-5

**694820A: Clinical medicine, 3 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Kaisu Heinänen

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

2nd year, autumn term

**Learning outcomes:**

Upon completion of this course the student will be able to name medical diagnoses essential in logopedics. Also the student will be able to explain medical diagnostic features, etiological factors and medical treatments.

**Contents:**

Medical diseases, their diagnostics and treatment essential in logopedics.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Blended learning, altogether 81 h of work.

**Target group:**

Students in Logopedics

**Assessment methods and criteria:**

Exam. Read more about assessment criteria at the University of Oulu webpage.

**Grading:**

0-5



**Person responsible:**

Professor, university lecturer or university teacher

**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.

*Compulsory minor subject 22 credits*

**694958Y: Structure of Finnish, 5 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Katja Västi

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay694958Y    Structure of Finnish (OPEN UNI)    5.0 op

**ECTS Credits:**

5 ECTS credits / 135 hours work

**Language of instruction:**

Finnish

**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 (12 h); and independent study (99 h); or alternatively independent study online (135 h)

**Target group:**

Students in language programmes in the Faculty of Humanities

**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.

**694959Y: Introduction to General Linguistics and Phonetics, 5 op**

**Voimassaolo:** 01.08.2017 -

**Opiskelumuoto:** General Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opettajat:** Santeri Palviainen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay694959Y Introduction to General Linguistics and Phonetics (OPEN UNI) 5.0 op

**ECTS Credits:**

5 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

It is recommended that the course be passed in the first semester if the course is mandatory for the student. It is also a prerequisite for other courses in Linguistics.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Lectures

**Learning activities and teaching methods:**

48 hours of lectures, 87 hours of independent study

**Target group:**

Students of languages and others interested in languages

**Recommended or required reading:**

Readings distributed in class

**Assessment methods and criteria:**

Home work and examination

**Grading:**

0-5

**Person responsible:**

Santeri Palviainen

**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

**694832A: , 5 op**

**Voimassaolo:** 01.08.2018 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish

**730103A: , 5 op**

**Voimassaolo:** 01.08.2018 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Humanities

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

**Opintokohteen kielet:** Finnish