

# Opasraportti

## Open University - Medicine and dentistry (2020 - 2021)

Language of instruction of courses included in this course catalogue is Finnish.

In courses

ay044104S Evidence Based Medicine Toolkit (OPEN UNI)

ay044114S Searching skills, finding the evidence (OPEN UNI)

ay044115S Diagnostics Tests (OPEN UNI)

ay044116S Statistics toolkit (OPEN UNI) and

ay044117S Users' guides to the medical literature (OPEN UNI)

the literature is in English, but the on-line exam - in Finnish.

## Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

ay044120S: Dental and oral health (OPEN UNI), 2 op

ay044115S: Diagnostics Tests (OPEN UNI), 1 op

ay044104S: Evidence Based Medicine Toolkit (OPEN UNI), 1 op

ay043001Y: Introduction to Medicine (OPEN UNI), 2 op

ay044114S: Searching skills, finding the evidence (OPEN UNI), 1 op

ay044116S: Statistics toolkit (OPEN UNI), 1 op

ay044117S: Users' guides to the medical literature (OPEN UNI), 2 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

**ay044120S: Dental and oral health (OPEN UNI), 2 op**

**Voimassaolo:** 01.08.2018 -

**Opiskelumuoto:** Optional Studies

**Laji:** Course

**Vastuuyksikkö:** University of Oulu, Open University

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

**Opetus suunnattu:** University of Oulu, Open University

**Opettajat:** Ritva Näpänkangas

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

044120S Dental and oral health 2.0 op

**ECTS Credits:**

2 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

Autumn and spring terms

**Learning outcomes:**

After the course the student is able to discuss the most common dental and oral diseases as well as treatment of those diseases. Student is able to discuss oral health promotion and also the basic aspects of the relationship between general and oral health.

**Contents:**

Most common dental and oral diseases, prevalence of dental and oral diseases, oral health promotion, the relationship between general and oral health.

**Mode of delivery:**

On-line course

**Learning activities and teaching methods:**

On-line course

**Target group:**

Persons interested in dental and oral health in general, as well as those in health care professions.

**Recommended or required reading:**

The material is given during the course.

**Assessment methods and criteria:**

Completed assignments, on-line exam/exams.

**Grading:**

Pass / fail

**Person responsible:**

University researcher Ritva Näpänkangas and university researcher Marja-Liisa Laitala

**Other information:**

Kindly note that this course is one of the optional studies in curriculum of the licentiates in **medicine** and can't be directly recognized / included in studies of dentistry.

## ay044115S: Diagnostics Tests (OPEN UNI), 1 op

**Voimassaolo:** 01.08.2019 -

**Opiskelumuoto:** Optional Studies

**Laji:** Course

**Vastuuyksikkö:** University of Oulu, Open University

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

**Opetus suunnattu:** University of Oulu, Open University

**Opettajat:** Mimmi Tolvanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

044115S Diagnostics Tests 1.0 op

**ECTS Credits:**

1 ECTS credits/ 27 hours of work

**Language of instruction:**

Finnish/English. Required reading material is in English, but the on-line exam is in Finnish.

**Timing:**

Online course with free timing during the period of study right beginning from 1st of Sept, 2020.

**Learning outcomes:**

The aim is that after the course the student understands what is normal and abnormal, the principles of causation and clinical reasoning and is able to appraise diagnostic tests.

**Contents:**

The students read the book *Diagnostics Tests Toolkit*. Thompson M, Van den Bruel A. BMJ Books, 2012 (e-Book in the library) and go through a question series in Moodle learning environment. The system gives the student feedback on the answers and tells whether she/he has passed or failed the course.

**Mode of delivery:**

Online course.

**Learning activities and teaching methods:**

27 hours of independent work including web-based exam.

**Prerequisites and co-requisites:**

It is recommendable to complete course ay044104S Evidence-based Medicine Toolkit before this course.

**Recommended optional programme components:**

This course is one of the courses related to evidence-based medicine. Other courses: ay044104S, ay044114S, ay044116S and ay044117S.

**Recommended or required reading:**

*Diagnostics Tests Toolkit*. Thompson M, Van den Bruel A. BMJ Books, 2012 (e-Book in the library)

**Assessment methods and criteria:**

Web-based exam

**Grading:**

Pass/fail

**Person responsible:**

Petri Kulmala and Mimmi Tolvanen

**Other information:**

Required reading material is in English. The on-line exam is in Finnish. This course can be included in optional studies of the degree programme in licentiate in medicine.

**ay044104S: Evidence Based Medicine Toolkit (OPEN UNI), 1 op**

**Voimassaolo:** 01.08.2019 -

**Opiskelumuoto:** Optional Studies

**Laji:** Course

**Vastuuyksikkö:** University of Oulu, Open University

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

**Opetus suunnattu:** University of Oulu, Open University

**Opettajat:** Mimmi Tolvanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

044104S Evidence Based Medicine Toolkit 1.0 op

**ECTS Credits:**

1 ECTST credits/ 27 hours of work

**Language of instruction:**

Finnish/English. Required reading material is in English. The on-line exam is in Finnish.

**Timing:**

Online course with free timing during the period of study right beginning from 1st of Sept, 2020.

**Learning outcomes:**

The aim of the course is that after having answered the questions of on-line exam the student knows basics of the evidence based medicine including basic concepts for practicing it.

**Contents:**

The students read the book *Evidence-based Medicine Toolkit*. Heneghan C, Badenoch D. BMJ Books, 2nd ed. 2006 (e-Book in the library) and go through a question series in Moodle learning environment. The system gives the student feedback on the answers and tells, whether she/he has passed or failed the course.

**Mode of delivery:**

Online course.

**Learning activities and teaching methods:**

27 hours of independent work including web-based exam.

**Recommended optional programme components:**

This course belongs to the group of courses related to evidence-based medicine. Other courses: ay044114S, ay044115S, ay044116S and ay044117S.

**Recommended or required reading:**

Evidence-based Medicine Toolkit. Heneghan C, Badenoch D. BMJ Books, 2nd ed. 2006 (e-Book in the library)

**Assessment methods and criteria:**

Web-based exam

**Grading:**

Pass/Fail

**Person responsible:**

Petri Kulmala and Mimmi Tolvanen

**Other information:**

Required reading material is in English. The on-line exam is in Finnish. This course can be included in optional studies of the degree programme in licentiate in medicine.

**ay043001Y: Introduction to Medicine (OPEN UNI), 2 op**

**Voimassaolo:** 01.08.2020 -

**Opiskelumuoto:** General Studies

**Laji:** Course

**Vastuuyksikkö:** University of Oulu, Open University

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

**Opetus suunnattu:** University of Oulu, Open University

**Opettajat:** Petri Kulmala

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

043001Y Introduction to medical profession 4.0 op

**ECTS Credits:**

2 ECTS credits / 53 hours of work

**Language of instruction:**

Finnish

**Timing:**

The course is held in the autumn semester, during periods I and II.

**Learning outcomes:**

Upon completion of the course, the student will be able to:

- use their time and stress management skills
- recognize multiple roles and duties in medical profession and understand what collegiality means in studies and in professional life
- know ethical principles in medical profession
- understand how the service system works in health care
- understand the importance of communicational skills in studies and in professional life
- operate in situations when first aid is needed

**Contents:**

- **Medical doctorhood:** professional growth in medical profession, stress management and wellbeing, the key principles in health care ethics
- **Introduction to health care system:** Finnish health care system, interaction in care work
- **Resuscitation:** first aid, unconscious patient and sudden attacks, traumas and poisonings, lifeless patient

**Mode of delivery:**

Web-based teaching in Moodle learning environment

**Learning activities and teaching methods:**

Web-based teaching

**Target group:**

All people interested in medicine

**Prerequisites and co-requisites:**

No prerequisites

**Recommended or required reading:**

All materials are available in on-line learning environment.

**Assessment methods and criteria:**

Web-based assignments and quizzes.

**Grading:**

The course utilizes verbal grading scale "Pass/Fail".

**Person responsible:**

Professor Petri Kulmala

**Other information:**

Introduction to Medicine is based on a course from curriculum for the degree programme in medicine. This course can be included in the medical studies at University of Oulu. However, the course to be included requires several supplemental assessments that are described in Finnish section.

**ay044114S: Searching skills, finding the evidence (OPEN UNI), 1 op**

**Voimassaolo:** 01.08.2019 -

**Opiskelumuoto:** Optional Studies

**Laji:** Course

**Vastuuyksikkö:** University of Oulu, Open University

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

**Opetus suunnattu:** University of Oulu, Open University

**Opettajat:** Mimmi Tolvanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

044114S Searching skills, finding the evidence 1.0 op

**ECTS Credits:**

1 ECTS /27 hours of student work

**Language of instruction:**

Finnish/English. Required reading material is in English. The on-line exam is in Finnish.

**Timing:**

Online course with free timing during the period of study right beginning from 1st of Sept, 2020.

**Learning outcomes:**

The aim of the course is to give the student ability to make literature searches effectively.

**Contents:**

The students read the book Searching Skills Toolkit. Finding the evidence. De Brun, Pearce-Smith N. BMJ Books, 2014 (e-Book in the library) and go through a question series in Moodle learning environment. The system gives the student feedback on the answers and tells whether she/he has passed or failed the course.

**Mode of delivery:**

Online course

**Learning activities and teaching methods:**

27 hours of independent work including web-based exam.

**Prerequisites and co-requisites:**

It is recommendable to complete course ay044104S Evidence-based Medicine Toolkit course before this course.

**Recommended optional programme components:**

This course belongs to the group of courses related to evidence-based medicine. Other courses: ay044104S, ay044115S, ay044116S and ay044117S.

**Recommended or required reading:**

Searching Skills Toolkit. Finding the evidence. De Brun, Pearce-Smith N. BMJ Books, 2014 (e-Book in the library)

**Assessment methods and criteria:**

Web-based exam.

**Grading:**

Pass/fail

**Person responsible:**

Petri Kulmala and Mimmi Tolvanen

**Other information:**

Required reading material is in English. The on-line exam is in Finnish. This course can be included in optional studies of the degree programme in licentiate in medicine.

**ay044116S: Statistics toolkit (OPEN UNI), 1 op**

**Voimassaolo:** 01.08.2019 -

**Opiskelumuoto:** Optional Studies

**Laji:** Course

**Vastuuyksikkö:** University of Oulu, Open University

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

**Opetus suunnattu:** University of Oulu, Open University

**Opettajat:** Mimmi Tolvanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

044116S Statistics toolkit 1.0 op

**ECTS Credits:**

1 ECTST credits/ 27 hours of work

**Language of instruction:**

Finnish/English. Required reading material is in English. The on-line exam is in Finnish.

**Timing:**

Online course with free timing during the period of study right beginning from 1st of Sept, 2020.

**Learning outcomes:**

The aim of the course is to give the students basic idea of the most usual statistical methods that are used when practicing evidence based medicine.

**Contents:**

The students read the book Statistics Toolkit (Perera R, Heneghan C & Badenoch D, ed), BMJ Books, Blackwell Publishing 2008 (e-Book in library) and go through a question series in Moodle learning environment. The system gives the student feedback on the answers and tells whether she/he has passed or failed the course.

**Mode of delivery:**

Online course.

**Learning activities and teaching methods:**

27 hours of independent work including web-based exam.

**Prerequisites and co-requisites:****Recommended optional programme components:**

This course belongs to the group of courses related to evidence-based medicine. Other courses: ay044104S, ay044114S, ay044115S and ay044117S.

**Recommended or required reading:**

Statistics Toolkit (Perera R, Heneghan C & Badenoch D, toim), BMJ Books, Blackwell Publishing 2008 (e-Book in library).

**Assessment methods and criteria:**

Web-based exam

**Grading:**

Pass/fail

**Person responsible:**

Petri Kulmala and Mimmi Tolvanen

**Other information:**

Required reading material is in English. The on-line exam is in Finnish. This course can be included in optional studies of the degree programme in licentiate in medicine.

**ay044117S: Users' guides to the medical literature (OPEN UNI), 2 op**

**Voimassaolo:** 01.08.2019 -

**Opiskelumuoto:** Optional Studies

**Laji:** Course

**Vastuuyksikkö:** University of Oulu, Open University

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

**Opetus suunnattu:** University of Oulu, Open University

**Opettajat:** Mimmi Tolvanen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

044117S Users' guides to the medical literature 2.0 op

**ECTS Credits:**

2 ECTST credits/ 54 hours of work

**Language of instruction:**

Finnish/English. Required reading material is in English. The on-line exam is in Finnish.

**Timing:**

Online course with free timing during the period of study right beginning from 1st of Sept, 2020.

**Learning outcomes:**

The aim of the course is that after completion of the course the student knows how to use and appraise data and different sources of information and to perform systematic diagnostic reasoning and make decisions on treatments based on evidence.

**Contents:**

The book includes the principles of EBM, how to benefit from medical literature and how to differentiate good medical evidence from bad. The students read the book Users' guides to the medical literature. Essentials of evidence-based clinical practice. Guyatt G, Rennie D, Meade MO, Cook DJ. 3. ed, JMAEvidence McGrawHill medical, 2015 (e-book in library) and go through a question series in Moodle learning environment. The system gives the student feedback on the answers and tells whether she/he has passed or failed the course.

**Mode of delivery:**

Online course.

**Learning activities and teaching methods:**

54 hours of independent work including web-based exam.

**Prerequisites and co-requisites:**

It is recommendable to complete course ay044104S Evidence-based Medicine Toolkit before this course.

**Recommended optional programme components:**

This course belongs to the group of courses related to evidence-based medicine. Other courses: ay044104S, ay044114S, ay044115S and ay044116S.

**Recommended or required reading:**

Users' guides to the medical literature. Essentials of evidence-based clinical practice. Guyatt G, Rennie D, Meade MO, Cook DJ. 3. painos, JMAEvidence McGrawHill medical, 2015 (e-Book in the library)

**Assessment methods and criteria:**

Web-based exam

**Grading:**

Pass/fail

**Person responsible:**

Petri Kulmala and Mimmi Tolvanen

**Other information:**

Required reading material is in English. The on-line exam is in Finnish. This course can be included in optional studies of the degree programme in licentiate in medicine.