

Opasraportti

LTK-Courses in English for Exchange Students (2015 - 2016)

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

- 090503A-13: Complications in fixed prosthodontics, 0,1 - 0,3 op
- 090510A-13: Dental anxiety, 3 op
- 090502A-13: Dental traumas, tooth transplantations and maxillomandibular fractures, 0,5 op
- 090503A-15: Esthetics in prosthodontics, 0,2 op
- 090503A-14: Implantology, 0,1 - 0,3 op
- 090601A-11: Introduction to orthodontics, 3 op
- 090503A-16: Literature exam: Fixed prosthodontics, 0,9 - 7,9 op
- 090503A-17: Literature exam: Prosthetic treatment of edentulous patient, 2,5 - 3 op
- 090504A-04: Literature exam: Stomatognathic physiology part I, 0,5 - 1 op
- 060706A: Neurosurgery, 3 op
- 060710A: Oncology, 3 op
- 090601A-10: Oral and craniofacial growth and development: genetic, epigenetic, clinical and experimental approach, 0,8 op
- 090302A-07: Oral and maxillofacial pathology, literature exam, 3 op
- 090510A-12: Organisation of oral health care in Finland, 0,8 - 1 op
- 090607A-01: Other studies given by the Institute of Dentistry within the Erasmus-project, 0 op
- 090505A-16: Periodontology - diagnosis and therapy, 0,7 op
- 090505A-17: Periodontology: Clinical diagnosis, risk assessment, prognosis and treatment plan, literature exam, 1 op
- 090505A-19: Periodontology: Periodontal surgery, literature exam, 1,5 op
- 090505A-18: Periodontology: Periodontal therapy, literature exam, 1 op
- 090504A-06: Stomatognathic physiology part II, 2 - 2,5 op
- 090504A-05: Temporomandibular disorders (TMD) lectures, 0,5 op
- 090501A-12: The principles of endodontics, 2 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

090503A-13: Complications in fixed prosthodontics, 0,1 - 0,3 op

Voimassaolo: 01.08.2010 - 31.07.2014

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

ECTS Credits:

2 hours of work (0,1 ECTS credits)

Language of instruction:

English

Timing:

Course/lectures not valid (from 1.8.2014 -)

Learning outcomes:

Upon completion of the course, the student will be able to explain the most common complications in fixed prosthodontics (crowns and fixed partial dentures) and explain the methods to repair the complications. The student will be able to discuss the survival of fixed prostheses.

Contents:

Complications in fixed prosthodontics, survival of fixed prostheses, repairing of complications.

Mode of delivery:

face-to-face teaching

Learning activities and teaching methods:

Lectures (2 hours)

Target group:

Exchange students

Prerequisites and co-requisites:

basic courses in fixed prosthodontics

Recommended optional programme components:

fixed prosthodontics

Recommended or required reading:

lecture hand-outs

Assessment methods and criteria:

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

Grading:

The course unit utilizes verbal grading scale pass/fail.

Person responsible:

Ritva Näpänkangas

Working life cooperation:

No

Other information:

Course/lectures not valid (from 1.8.2014 -)

090510A-13: Dental anxiety, 3 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Jorma Virtanen

Opintokohteen kielet: English

ECTS Credits:

3.0 ECTS credits

Language of instruction:

English

Timing:

The course unit is held in the Autumn and the Spring semester.

Learning outcomes:

The student

- understands causes and prevalence of dental anxiety
- knows treatment of anxious child and adult patients

Contents:

- Treatment of anxious child and adult patients
- Causes and prevalence of dental anxiety

Mode of delivery:

self-study

Learning activities and teaching methods:

Self-study; totals 81 hours = 3.0 ECTS credits

Target group:

For the dental exchange students

Prerequisites and co-requisites:

No

Recommended optional programme components:

No

Recommended or required reading:

Milgrom et al. Treating fearful dental patients. A patient management handbook. Seattle Washington (Chapters: 2, 4, 5, 6 and 9)

Assessment methods and criteria:

Literature exam

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

Grading:

The literature exam utilizes verbal grading scale pass/fail

Person responsible:

Professor Jorma Virtanen

Working life cooperation:

No

Other information:

090607A The courses given by the Institute of Dentistry within the Erasmus-project

090502A-13: Dental traumas, tooth transplants and maxillomandibular fractures, 0,5 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Oikarinen, Kyösti Sakari

Opintokohteen kielet: English

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

8 hours lectures and 4 hours of phantom-mode teaching

Language of instruction:

English

Timing:

Spring semester

Learning outcomes:

Upon completion of the course, the student will be able to understand the treatment options of dental traumas and will be able to perform a simple dental trauma splinting.

Contents:

Lectures and practicalities.

Epidemiology and etiology of dental and maxillomandibular traumas

Diagnosis and examination of trauma patients

Prevention of dental traumas

First aid treatment of dental traumas

Treatment options of dental traumas

Treatment options of maxillomandibular traumas

Late complications of traumas

Replacement options of traumatically lost teeth

Splinting of traumatized teeth

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures, simulation training and hand-outs

Target group:

Exchange students. The course will be attended also by 4th year undergraduate students.

Prerequisites and co-requisites:

Basic courses and basic knowledge in oral and maxillofacial surgery

Recommended optional programme components:

Fixed and removable prosthodontics

Recommended or required reading:**Hand-outs**

Textbook: [Myron R. Tucker, Edward Ellis III James R. Hupp](#) : Contemporary Oral and Maxillofacial Surgery: 5th (fifth) Edition . Mosby 2009

and

Andreasen JO & Andreasen FM. Essentials of traumatic injuries to the teeth. Munksgaard

Assessment methods and criteria:

Written exam

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

Grading:

0-5

Person responsible:

Professor Kyösti Oikarinen

Working life cooperation:

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Other information:

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090503A-15: Esthetics in prosthodontics, 0,2 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Hujanen, Erkki Samuli

Opintokohteen kielet: English

ECTS Credits:

2 hours of work

Language of instruction:

English

Timing:

Course/lectures not valid (from 1.8.2014-)

Learning outcomes:

Upon completion of the course, the student will be able to discuss the esthetic considerations in fixed and removable prostheses.

Contents:

Esthetic considerations in fixed and removable prostheses.

Mode of delivery:

face-to-face teaching

Learning activities and teaching methods:

Lectures (2 hours)

Target group:

Erasmus exchange students of Dentistry

Prerequisites and co-requisites:

Basic courses in fixed and removable prosthodontics

Recommended optional programme components:

Fixed and removable prosthodontics

Recommended or required reading:

Lecture hand-outs

Assessment methods and criteria:

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

Grading:

The course unit utilizes verbal grading scale pass/fail.

Person responsible:

Erkki Hujanen

Working life cooperation:

No

Other information:

Course/lectures not valid (from 1.8.2014-)

090503A-14: Implantology, 0,1 - 0,3 op

Voimassaolo: 01.08.2010 - 31.07.2014

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

ECTS Credits:

2 hours of work (0,1 ECTS credits)

Language of instruction:

English

Timing:

Course/lectures not valid (from 1.8.2014-)

Learning outcomes:

Upon completion of the course, the student will be able to explain the principles of implant osseointegration, indications for implant therapy and general treatment modalities

Contents:

General demands of implant therapy, osseointegration, diagnostics and treatment planning, implant overdentures

Mode of delivery:

face-to-face teaching

Learning activities and teaching methods:

Lectures (2 hours)

Target group:

Exchange students

Prerequisites and co-requisites:

basic courses in fixed prosthodontics

Recommended optional programme components:

fixed prosthodontics

Recommended or required reading:

Lecture hand-outs

Assessment methods and criteria:

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

Grading:

The course unit utilizes verbal grading scale pass/fail.

Person responsible:

Ritva Kuoppala

Working life cooperation:

No

Other information:

Course/lectures not valid (from 1.8.2014-)

090601A-11: Introduction to orthodontics, 3 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Pirttiniemi, Pertti Mikael

Opintokohteen kielet: English

Language of instruction:

English

Target group:

Erasmus exchange students of Dentistry

Prerequisites and co-requisites:

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Assessment methods and criteria:

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

Person responsible:

Professor Pertti Pirttiniemi

Working life cooperation:

No

Other information:

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090503A-16: Literature exam: Fixed prosthodontics, 0,9 - 7,9 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Raustia, Aune Maritta

Opintokohteen kielet: English

ECTS Credits:

2,5 ECTS credits

Language of instruction:

English

Mode of delivery:

Literature exam

Learning activities and teaching methods:

Literature exam

Target group:

Erasmus exchange students of Dentistry

Recommended optional programme components:

The courses given by the Institute of Dentistry within the Erasmus-project

Assessment methods and criteria:

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

Grading:

Scale 0-5

Person responsible:

Professor Aune Raustia

Working life cooperation:

No

Other information:

-

090503A-17: Literature exam: Prosthetic treatment of edentulous patient, 2,5 - 3 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Raustia, Aune Maritta

Opintokohteen kielet: English

ECTS Credits:

3,0 ECTS credits

Language of instruction:

English

Mode of delivery:

Literature exam

Learning activities and teaching methods:

Literature exam

Target group:

Erasmus exchange students of Dentistry

Recommended optional programme components:

The courses given by the Institute of Dentistry within the Erasmus-project

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

Scale 0-5

Person responsible:

Professor Aune Raustia

Working life cooperation:

No

Other information:

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090504A-04: Literature exam: Stomatognathic physiology part I, 0,5 - 1 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Raustia, Aune Maritta

Opintokohteen kielet: English

ECTS Credits:

1,0 ECTS credits

Language of instruction:

English

Mode of delivery:

Literature exam

Learning activities and teaching methods:

Literature exam

Target group:

Erasmus exchange students of Dentistry

Recommended optional programme components:

The courses given by the Institute of Dentistry within the Erasmus-project

Assessment methods and criteria:

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

Grading:

Scale 0-5

Person responsible:

Professor Aune Raustia

Working life cooperation:

No

Other information:

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060706A: Neurosurgery, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Medicine

Arvostelu: 1 - 5, pass, fail

Opettajat: Sami Tetri

Opintokohteen kielet: English

ECTS Credits:

3.5 ECTS credits

Language of instruction:

English

Timing:

During the fourth year, C 8

Learning outcomes:

The student knows the clinical presentation, diagnostics and treatment of neurosurgical diseases and trauma. The student can evaluate the urgency of treatment of neurosurgical conditions and understands their debilitating and often life-threatening nature. The roles of prevention and rehabilitation are also stressed.

Contents:

The management of neurosurgical trauma and diseases with special emphasis on the clinical competence required of a general practitioner

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

The neurosurgical course is based on full-time participation in all clinical activities of the department for a minimum of two weeks during February and/or March when the neurosurgical course is offered. Bedside learning and the importance of the patient-doctor relationship as well as work in an environment that fosters multi-professional teamwork are stressed. For ETCS credits a textbook-based final examination must also be passed. It is usually taken during the last week of study.

Target group:

For medical students in their final year of study.

Prerequisites and co-requisites:

The required prerequisite is the completion of the following courses prior to enrolling for the course unit: A passing grade in clinical neurology is required before enrollment in the neurosurgical course.

Recommended or required reading:

K. W. Lindsay, I. Bone, G. Fuller. Neurology and Neurosurgery Illustrated, latest edition. Churchill Livingstone.

Assessment methods and criteria:

Participation with the guidance of an assigned doctor in the clinical and academic activities of the neurosurgical department, including small group learning sessions, clinical ward rounds, meetings, and observation of surgical procedures. ECTS credit requires passing a written final examination

Grading:

The course unit utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

Person responsible:

Professor Sami Tetri

Working life cooperation:

No

Other information:

No other information.

060710A: Oncology, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Medicine

Arvostelu: 1 - 5, pass, fail

Opettajat: Turpeenniemi-Hujanen, Taina Marjatta

Opintokohteen kielet: English

ECTS Credits:

3.5 ECTS credits

2.5 ECTS without exam

Language of instruction:

English

Timing:

September-December

Learning outcomes:
Upon completion of this curricular unit, student should be able to understand principles of cancer etiology, diagnosis, therapeutic modalities and their adverse events, and palliative care.

Contents:

The diagnostics, oncological therapeutic modalities and monitoring of adult solid malignancies and lymphomas.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

- Pre-examination (3 h, at home)
- Lectures / tutorials (10 h) concerning the entities of breast cancer, colorectal cancer, lymphomas, prostate cancer and lung cancer
- Group work:
 - Ward rounds with professor (6 x 2 h/week)
 - Demonstration of the planning of a CT-based radiotherapy and radiotherapy treatment (3 h)
 - Group practice of clinical problem-solving: Evaluation of the case reports (3 h)
- Final examination (2h)

Target group:

4-6th year medical students.

Prerequisites and co-requisites:

It is preferred that student has completed basic courses of pathology, clinical chemistry, radiology, internal medicine, and surgery prior to enrolling for the course unit.

Recommended optional programme components:

None

Recommended or required reading:

Jim Cassidy, Donald Bissett, Roy Spence, and Miranda Payne: Oxford Handbook of Oncology (3 ed.), 2011

<http://www oulu.fi/library/> -> [Subject Guides](#) -> [E-books](#) -> [Oxford Medical Handbooks](#) -> [Oxford Handbook of Oncology \(3 ed.\)](#)

Assessment methods and criteria:

Preliminary and final examinations must be passed. Preliminary examination and all other course units must be passed before participation in the final examination.

Evaluation is based on final examination (essays).

Grading:

The course unit utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

The grade is given only to the students who take the final examination.

Professor Taina Turpeenniemi-Hujanen

Working life cooperation:

No

Person responsible:

Other information:

The course will be organized only when there are six students.

090601A-10: Oral and craniofacial growth and development: genetic, epigenetic, clinical and experimental approach, 0,8 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Pirttiniemi, Pertti Mikael

Opintokohteen kielet: English

ECTS Credits:

- lectures 10 hours, 0.8 ECTS
- exam 4 ECTS

Language of instruction:

English

Timing:

The course unit is held in the autumn and in the spring semester

Learning outcomes:

Upon completion of the course, the student will be able to explain normal and abnormal development of the teeth, oral structures and occlusal morphology in humans. In addition to this the student will be able to explain pre-, peri- and postnatal development of dentition and different oral structures, in specific the effect of disturbing factors during pregnancy and child's early development as well as genetic factors on the developing phenotype.

The student also knows how to guide mandibular growth, can explain the mechanism of regulation, influence of functional orthodontic appliances and growth of maxilla and neurocranium.

Having completed the course, the student is able to explain the interaction between facial structures and breathing function and also the expression and etiology of asymmetric growth.

Contents:

- Normal and abnormal development of the teeth, oral structures and occlusal morphology in humans
- Pre-, peri- and postnatal development of dentition and different oral structures, in specific the effect of disturbing factors during pregnancy and child's early development as well as genetic factors on the developing phenotype.
- Guiding of mandibular growth and the Mechanism of regulation
- Influence of functional orthodontic appliances
- Growth of maxilla and neurocranium
- The interaction between facial structures and breathing function
- The expression and etiology of asymmetric growth

Mode of delivery:

Face-to-face-teaching

Learning activities and teaching methods:

Lectures 10 hours

Target group:

Erasmus exchange students of Dentistry

Prerequisites and co-requisites:

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Recommended optional programme components:

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Recommended or required reading:

Literature required:

Mitchell L. An Introduction to Orthodontics, 3rd Edition, Oxford.

Assessment methods and criteria:

Taking part into the lectures. Written exam.

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

Grading:

The course unit utilizes verbal grading scale pass/fail.

Person responsible:

Professor Pertti Pirttiniemi

Working life cooperation:

No

Other information:

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090302A-07: Oral and maxillofacial pathology, literature exam, 3 op**Voimassaolo:** 01.08.2010 -**Opiskelumuoto:** Intermediate Studies**Laji:** Partial credit**Vastuuyksikkö:** Dentistry**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Salo, Tuula Anneli**Opintokohteen kielet:** English**Language of instruction:**

English

Target group:

Erasmus exchange students of Dentistry

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

Arja Kullaa

Working life cooperation:

No

Other information:

-

090510A-12: Organisation of oral health care in Finland, 0,8 - 1 op**Voimassaolo:** 01.08.2010 -**Opiskelumuoto:** Intermediate Studies**Laji:** Partial credit**Vastuuyksikkö:** Dentistry**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Jorma Virtanen, Niskanen, Leena Marita**Opintokohteen kielet:** English**ECTS Credits:**

10 hours, 0.8 ECTS credits

Language of instruction:

English

Timing:

The course unit is held in the autumn and the spring semester.

Learning outcomes:

The student

- knows implementation of public oral health cares
- understands regulations of oral health care
- visit to public oral health centre

Contents:

- implementation of public oral health cares
- regulations of oral health care

Mode of delivery:

Face-to-face teaching and visit to public oral health centre

Learning activities and teaching methods:

Lectures 4 h, on-site visits

Target group:

For the dental exchange students

Prerequisites and co-requisites:

No

Recommended optional programme components:

No

Recommended or required reading:

Koskinen S, Aromaa A, Huttunen J & Teperi J (editors): Health in Finland. Ministry of Social Affairs and Health and National Public Health Institute KTL. 2006.(Parts I, IV, VII and IX)

Niiranen T, Widström E & Niskanen T: Oral health care reform in Finland – aiming to reduce inequity in care provision. BMC Oral Health 2008:3

Assessment methods and criteria:

Taking part into the group teaching event and visiting to public health centre

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

Grading:

The course unit utilizes verbal grading scale pass/fail

Person responsible:

Professor Jorma Virtanen

Working life cooperation:

No

Other information:

090607A The courses given by the Institute of Dentistry within the Erasmus-project

090607A-01: Other studies given by the Institute of Dentistry within the Erasmus-project, 0 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Voidaan suorittaa useasti: Kyllä

Language of instruction:

English

Target group:

Erasmus exchange students of Dentistry

Assessment methods and criteria:

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

090505A-16: Periodontology - diagnosis and therapy, 0,7 op

Voimassaolo: 01.08.2010 - 31.12.2015

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Tellervo Tervonen

Opintokohteen kielet: English

ECTS Credits:

0,7 ECTS credits

Language of instruction:

English

Target group:

Erasmus exchange students of Dentistry

Assessment methods and criteria:

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

Person responsible:

Professor Tellervo Tervonen

Working life cooperation:

No

Other information:

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090505A-17: Periodontology: Clinical diagnosis, risk assessment, prognosis and treatment plan, literature exam, 1 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

ECTS Credits:

1 ECTS credit

Language of instruction:

English

Target group:

Erasmus exchange students of Dentistry

Recommended or required reading:

Newman, Takei, Klokkebold, Carranza: Carranza's Clinical Periodontology, 11. edition, pp. 340-411

Assessment methods and criteria:

Literature exam

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

Person responsible:

Professor Tellervo Tervonen

Working life cooperation:

No

Other information:

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090505A-19: Periodontology: Periodontal surgery, literature exam, 1,5 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

ECTS Credits:

1,5 ECTS credits

Language of instruction:

English

Target group:

Erasmus exchange students of Dentistry

Recommended or required reading:

Newman, Takei, Klokkebold, Carranza: Carranza's Clinical Periodontology, 11. edition, pp. 511-534, 544-594

Assessment methods and criteria:

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

Person responsible:

Professor Tellervo Tervonen

Working life cooperation:

No

Other information:

090505A-18: Periodontology: Periodontal therapy, literature exam, 1 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

ECTS Credits:

1 ECTS credit

Language of instruction:

English

Target group:

Erasmus exchange students of Dentistry

Recommended or required reading:

Newman, Takei, Klokkebold, Carranza: Carranza's Clinical Periodontology, 11. edition, pp. 448-510

Assessment methods and criteria:

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

Person responsible:

Professor Tellervo Tervonen

Working life cooperation:

No

Other information:

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090504A-06: Stomatognathic physiology part II, 2 - 2,5 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Raustia, Aune Maritta

Opintokohteen kielet: English

ECTS Credits:

2,5 ECTS credits

Language of instruction:

English

Timing:

Fall and Spring term

Contents:

Structure and function of masticatory system

Mode of delivery:

Literature exam

Learning activities and teaching methods:

Literature exam

Target group:

Erasmus exchange students of Dentistry

Recommended optional programme components:

The courses given by the Institute of Dentistry within the Erasmus-project

Recommended or required reading:

Jeffrey P. Okeson: Management of Temporomandibular Disorders and Occlusion. 5th edition. Mosby 2008, pp 1-128.

Assessment methods and criteria:

Written literature exam

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

Grading:

Scale 0-5

Person responsible:

Professor Aune Raustia

Working life cooperation:

No

Other information:

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090504A-05: Temporomandibular disorders (TMD) lectures, 0,5 op

Voimassaolo: 01.08.2010 - 31.07.2014

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

ECTS Credits:

4 hours of work

Language of instruction:

English

Timing:

Course/lectures not valid (from 1.8.2014-)

Learning outcomes:

Upon completion of the course, the student will be able to explain the structures of stomatognathic system. The student can explain the etiology, examination and treatment of temporomandibular disorders (TMD).

Contents:

Anatomy of stomatognathic system. The etiology, examination and treatment of temporomandibular disorders (TMD).

Mode of delivery:

Face-to-face -teaching

Learning activities and teaching methods:

Lectures (4 hours)

Target group:

Erasmus exchange students of Dentistry

Prerequisites and co-requisites:

Basic courses in stomatognathic physiology

Recommended or required reading:

Lecture hand-outs

Assessment methods and criteria:

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

Grading:

Pass/fail

Person responsible:

Professor Aune Raustia

Working life cooperation:

No

Other information:

Course/lectures not valid (from 1.8.2014-)

090501A-12: The principles of endodontics, 2 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Dentistry

Arvostelu: 1 - 5, pass, fail

Opettajat: Kristiina Oikarinen-Juusola

Opintokohteen kielet: English

ECTS Credits:

2 ECTS credits

Language of instruction:

English

Timing:

The course unit is held in the autumn and spring semester.

Learning outcomes:

The student is expected to master the basics of endodontics which is evaluated by a written exam. The accepted exam entitles the student the credit units.

Contents:

The Principles of Endodontics

Mode of delivery:

Literature exam

Learning activities and teaching methods:

Literature exam (2 hours)

Target group:

Exchange students of Dentistry

Recommended or required reading:

Manogue M, Patel S & Walker R T. The Principles of Endodontics. Oxford University Press 2005.

Assessment methods and criteria:

Literature exam (2 hours)

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

Grading:

The course unit utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

Person responsible:

Assistant professor

Working life cooperation:

No