

# Opasraportti

## Courses in English for Exchange Students, 2016-17: Architecture (2016 - 2017)

### STUDIES FOR EXCHANGE STUDENTS OF THE OULU SCHOOL OF ARCHITECTURE

The study program for the exchange students of the Oulu School of Architecture is integrated with the international and domestic degree students' master level studies and the English conducted Architectural Design master's degree programme.

The courses listed in this course catalogue are available for students of the Oulu School of Architecture only.

A detailed full-time schedule for the studies and teaching sessions in the Architectural Design Master's degree programme is published at the beginning of each semester. The exchange students of the faculty follow the same schedule with the degree students (1st year master's). The individual study units within each module are integrated into a larger unity, a studio course of one academic semester or half a semester. The extent of each module is either 15 or 30 ECTS credits:

#### 1. Design-led Urban Renewal, 30 ECTS (autumn Semester):

- 454522S Urban Space Design 10 ECTS
- 455521S Urban Space Detailing 10 ECTS
- 455522S Design in Urban Context 10 ECTS

#### 2. Design of Public Buildings 1, 15 ECTS (Spring Semester)

- 452504A Contemporary Architecture IV 15 ECTS

#### 3. Design of Public Buildings 2, 15 ECTS (Spring Semester)

- 455517A Interior Design 5 - 10 ECTS
- 455517S Architectural Lighting 5 ECTS
- 453533A Large Scale Structures 5 ECTS (taught partly in Finnish)

Additional study options e.g. within the 'varying courses' will be announced during the academic year. Advanced students may attend some of the courses intended for the 2nd year master students (requires personal consultation with teachers of each course).

Please notice that the BA level courses are all taught in Finnish.

Contact:

Architect Leena Kuorelahti, Faculty International Coordinator

leena.kuorelahti(a)oulu.fi

## Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

- A410249: Design of Public Buildings 1, 15 op  
*Compulsory*  
 452504A: Contemporary Architecture IV, 15 op
- A410250: Design of Public Buildings 2, 15 op  
*Compulsory*  
 453533A: Large scale structures, 5 op  
 455517S: Architectural Lighting, 5 op  
 455517A: Interior Design, 5 - 10 op
- A410224: Design-led Urban Renewal, 30 op  
*Compulsory courses*  
 454522S: Urban Space Design, 10 op  
 455521S: Urban Space Detailing, 10 op  
 455522S: Design in Urban Context, 10 op
- 452505S: International Studio, 15 op  
 451560S: Research and Theory of Architecture, 2 - 10 op  
 900017Y: Survival Finnish Course, 2 op  
 452540A: Varying Courses of Contemporary Architecture, 2 - 10 op  
 452550S: Varying Courses of Contemporary Architecture, 2 - 10 op  
 454550S: Varying Courses of Urban Design, 2 - 10 op  
 454540A: Varying Courses of Urban Design, 2 - 10 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

#### **A410249: Design of Public Buildings 1, 15 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Supplementary Module

**Laji:** Study module

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

*Compulsory*

#### **452504A: Contemporary Architecture IV, 15 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opettajat:** Mahlamäki Rainer

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

15

**Language of instruction:**

Finnish/English

**Timing:**

spring term 1-2

**Learning outcomes:**

The objective of the course is to initiate the students through lectures and exercises into the architecture and designing of public buildings.

Learning outcomes: After completing the course the student has the skills to sketch a medium- size (approx. 1000–8000 m<sup>2</sup>) public building, taking into account the structural, technical and important security requirements (exercise). Furthermore, the student recognizes the social and technical background, as well as and trends of contemporary architecture related with public buildings (lectures).

**Contents:**

The lectures deal current features in architecture and specific issues related to the topic of the design exercise. The task of the exercise is to design a medium-size public building, including the principles of fire safety, acoustics, load bearing structures and technical installations. Guest lectures are part of the course program.

**Mode of delivery:**

Lectures and face-to-face teaching

**Learning activities and teaching methods:**

The course comprises lectures, a design exercise and an exam. The exercise is tutored in common studio sessions and intermediate critiques. The completed works are presented in an open critique. Evaluation is based on the architectural quality and implementation of the objectives of the design project, and the result of the exam.

**Target group:**

4th year master students. The course is intended for students in the Architectural Design and Building Design orientations.

**Prerequisites and co-requisites:**

Prerequisite: contemporary architecture III or bachelor's degree.

**Recommended optional programme components:**

Teachings of structural technology and building techniques are implemented in the exercise. The exercise is linked with the courses of interior design and architectural lighting.

**Recommended or required reading:**

Summary of the lectures. List of readings will be handed out at the lectures.

**Assessment methods and criteria:**

Exercise (design project and possible exam). The form of the exam will be announced each year. The grading is based on evaluation of the achieved goals of the task, quality of the exercise and exam

**Grading:**

1 - 5, fail

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

Professor Rainer Mahlamäki

**Working life cooperation:**

-

**Other information:**

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**A410250: Design of Public Buildings 2, 15 op**

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Supplementary Module

**Laji:** Study module

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

*Compulsory*

**453533A: Large scale structures, 5 op**

**Voimassaolo:** 01.08.2011 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5

**Language of instruction:**

Finnish (part of literature in English)

**Timing:**

Autumn

**Learning outcomes:**

Upon completion of the course the student identifies the qualities of concrete and steel as structural material and is able to use these materials to design the frame of a public building.

**Contents:**

Lectures comprise the qualities of concrete, steel and various bricks including their strength properties, products and structural detailing with them. The design studio comprises structural design project of a large scale building.g.

**Mode of delivery:**

Course is based mainly on independent studies. Some contact teaching is given.

**Learning activities and teaching methods:**

Lectures and demonstrations 48 h. Self-study 87 h.

**Target group:**

1st year master level students.

**Prerequisites and co-requisites:**

Bachelor level courses in structures and building sciences

**Recommended optional programme components:**

Design work is linked to modern architecture IV.

**Recommended or required reading:**

Study compendiums. Other course literature will be announced separately.

**Assessment methods and criteria:**

Design project and exam. Evaluation is based on exam.

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

university teacher Matti Kangaspuoskari, university teacher Raimo Hannila.

**Working life cooperation:**

No

**Other information:**

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**455517S: Architectural Lighting, 5 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Oulu School of Architecture**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Henrika Pihlajaniemi**Opintokohteen kielet:** English**ECTS Credits:**

5

**Language of instruction:**

English

**Timing:**

Spring term 1 &amp; 2

**Learning outcomes:**

After completing the course the student commands the concepts of natural and artificial lighting, in order to be able to analyze the relationship between architecture and light, using basic concepts of lighting. The student can prepare a lighting scheme for his/her own design project and make a CAD-visualized lighting design based on the scheme, utilizing both natural light and various artificial light sources. The student is able to apply the principles of sustainability in his/her design solutions, in utilizing natural light and in selection of light sources.

**Contents:**

The objective of the course is to study the relationship between architecture and light. The studies cover both natural and artificial light. The lectures deal with architecture and light, concepts of light, modes of lighting as well as different sources of artificial light and types of light fixtures. Both indoor and outdoor lighting solutions are studied. Aspects of sustainability and energy efficiency are included in the contents of the course, in connection with designing and controlling natural light, as well as in relation to selection of light sources and designing controllable lighting solutions, using artificial lighting. The project work comprises a lighting analysis of a selected interior and a concept level CAD-visualized lighting design, which is connected to the exercise work in contemporary architecture. The course includes visits to places and interiors of interest within lighting design.

**Mode of delivery:**

Contact teaching and independent studying.

**Learning activities and teaching methods:**

12h lectures and/or contact teaching and 36h personal or/and group tutoring.

**Target group:**

1st year of master students

**Prerequisites and co-requisites:**

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**Recommended optional programme components:**

Course is part of module Design of Public Buildings. Architectural Lighting course is suggested to proceed together with 455517A Interior Design course.

**Recommended or required reading:**

Course literature will be announced separately.

**Assessment methods and criteria:**

The student attends the lectures and completes a design exercise according to the instructions. The evaluation is made based on the outcome of the exercise work. No exam is included in the course.

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

University Teacher Henrika Pihlajaniemi

**Working life cooperation:**

No

**Other information:**

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**455517A: Interior Design, 5 - 10 op**

**Voimassaolo:** 01.08.2012 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opettajat:** Aulikki Herneoja

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay455517A Interior Design (OPEN UNI) 5.0 op

**ECTS Credits:**

5-10

**Language of instruction:**

English

**Timing:**

Spring term 1 & 2

**Learning outcomes:**

After completing the course the student can analyze space and make sketches for an interior, utilizing various sectors of interior design in a creative manner. The student can implement the basic concepts of interior design when presenting his / her design work. The student is able to apply the principles of sustainability in his / her design solutions and material selection. When extending the course to 10 ECTS credits, after completing the course the student can prepare working drawings and identify quality factors, displaying his / her command of the basics of designing fixed furniture. The student is able to apply the principles of sustainability in his / her design solutions and material selection, e.g. taking into account sorting of waste and principles of life-cycle housing.

**Contents:**

The objective of the course is to provide students with basic skills of interior design and to guide the students to practical design work. When extending the course to 10 ECTS credits the aim of the lectures and the exercise work of the course is to deepen the students' knowledge in special issues within interior design, in particular designing fixed furniture. Lectures deal with basic concepts of interior design and the connection between architecture and interior design and aspects of sustainable development. The focus is on materials, colours and lighting of the space, basics of design of fixed furniture and textiles. The exercise work is a sketch level design of an interior. When extending the course to 10 ECTS credits lectures deal with special issues within interior design and aspects of sustainability, with focus on fixed furniture design. The student is initiated to practices of fixture design and quality factors through analyzing two kitchens. The exercise work is a working drawing level fixture design. Visits to professionally designed interiors are included in the course.

**Mode of delivery:**

Contact teaching and independent studying.

**Learning activities and teaching methods:**

12h lectures and/or contact teaching and 36h personal or/and group tutoring. When extending the course to 10 ECTS credits additional lectures and/or contact teaching and personal and/or group tutoring altogether maximum 50 h is included.

**Target group:**

1st year of master students

**Prerequisites and co-requisites:**

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**Recommended optional programme components:**

Course is part of module Design of Public Buildings. Interior Design is suggested to proceed together with course 455517 Architectural Lighting.

**Recommended or required reading:**

Literature is given during the course.

**Assessment methods and criteria:**

The student attends the lectures and completes a design exercise according to instructions. The evaluation is made based on outcome of the exercise work. No exam is included in the course.

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

University Lecturer Aulikki Herneoja

**Working life cooperation:**

No

## **A410224: Design-led Urban Renewal, 30 op**

**Voimassaolo:** 01.08.2015 -

**Opiskelumuoto:** Module of the Option

**Laji:** Study module

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opintokohteen kielet:** English

Ei opintojaksokuvauksia.

### *Compulsory courses*

#### **454522S: Urban Space Design, 10 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opettajat:** Sari Hirvonen-Kantola

**Opintokohteen kielet:** English

**ECTS Credits:**

10 ECTS

**Language of instruction:**

English

**Timing:**

Autumn term 1-2.

**Learning outcomes:**

After completing the course the student is able to recognise features of current interest within the design of public urban space, and to identify interaction between the built environment, society, culture, technology, and nature. The student is able to demonstrate various programmes, plans, and aims for the development of the functional and physical environment. The student is able to carry out a thematic analysis, set design goals, and to produce multifunctional development plans for urban spaces.

**Contents:**

The lectures deal especially with the design of public urban spaces. The exercise work focuses on thematic design and development of the functional and physical environment within an urban context.

**Mode of delivery:**

Contact teaching plus independent studying.

**Learning activities and teaching methods:**

16 h lectures + 80 h contact teaching in design studio (including workshop) + 174 h independent studying.

**Target group:**

4th year Master level students.

**Prerequisites and co-requisites:**

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**Recommended optional programme components:**

The Course is part of the module "Design-Led Urban Renewal". The design project is connected with Urban Space Detailing (455521S).

**Recommended or required reading:**

Literature will be announced separately.

**Assessment methods and criteria:**

Exercise (design project). Grading is based on the exercise.

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

Prof. Henu Kjisik

**Working life cooperation:**

No

**Other information:**

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**455521S: Urban Space Detailing, 10 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opettajat:** Aulikki Herneoja

**Opintokohteen kielet:** English

**ECTS Credits:**



10

**Language of instruction:**

English

**Timing:**

Autumn term 1 &amp; 2

**Learning outcomes:**

After completing the course the student can make a detailed plan for an urban space, taking into account various sectors and approaches of urban space detailing, including material alternatives and different lighting options. In the project work the student can apply the use of large variations of scale to an instrument of urban space detailing. Student is able to take into account sustainable development aspects when choosing materials and making the design solutions.

**Contents:**

The aim of the course is to go deeply into issues of detailing of urban space with focus on over-all concept. The purpose is to initiate the students to utilize outdoor furniture, accessories and lighting in outdoor design and to acquaint the students with materials and requirements of designing green areas. Lectures, exercise work and visits to the site. The students make a detailed design for the site studied as an exercise work within the Urban Space Design course.

**Mode of delivery:**

Contact teaching and independent studying.

**Learning activities and teaching methods:**

16h lectures + maximum 80 h contact teaching

**Target group:**

1st year of master students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of module Design-Led Urban Renewal. Design project is connected with 454522S Urban Space Design -course.

**Assessment methods and criteria:**

The student attends the lectures and completes a design exercise according to instructions. The evaluation is made based on outcome of the exercise work. No exam is included in the course.

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

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

University Lecturer Aulikki Herneoja.

**Working life cooperation:**

No

**Other information:**

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**455522S: Design in Urban Context, 10 op****Voimassaolo:** 01.08.2012 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Oulu School of Architecture**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Aulikki Herneoja**Opintokohteen kielet:** English

**ECTS Credits:**

10

**Language of instruction:**

English

**Timing:**

Autumn term 1 &amp; 2

**Learning outcomes:**

After completing the course the student is able to recognize an industrially designed product and analyze its design related substance and is able to make commentary literary synopsis. The student can carry out an exercise work of designing an object related to urban context, applying the contents of the course as well as history of industrial design and contemporary design. The student is able to apply the principles of sustainability in his / her design solutions and material selection.

**Contents:**

To give a general overview of history, theory and praxis of industrial design in the urban context and to develop the student's facility for research. The lectures deal with main issues of the history of industrial design and recent features of design emphasis on urban context. Research skills are dealt with when students make a commentary synopsis of a book on contemporary design / designer. The viewpoints of sustainability are included in the lectures and discussions held during the course. The emphasis of the course is on design exercise work, which is a design task object related to the Urban Space Detailing course.

**Mode of delivery:**

Contact teaching and independent studying.

**Learning activities and teaching methods:**

16h lectures and/or contact teaching and maximum 80 h personal or/and group tutoring

**Target group:**

1st year of master level

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of module Design-Led Urban Renewal. Design project is connected with 455521S Urban Space Detailing.

**Recommended or required reading:**

Literature is given during the course.

**Assessment methods and criteria:**

The student participates in lectures, makes lecture diary, commentary synopsis and delivers a design exercise made by given instructions. The evaluation is based on the outcome of the design project (2/3) and lecture diary and commentary synopsis together (1/3). No exam is included in the course.

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

University Lecturer Aulikki Herneoja

**Working life cooperation:**

No

**Other information:**

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**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opettajat:** Mahlamäki Rainer

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

15

**Language of instruction:**

Finnish/English

**Timing:**

autumn term 1-2

**Learning outcomes:**

The objective of the course is to widen and deepen the student's knowledge of public buildings, housing design and design in general through lectures and exercises. Learning outcomes: After completing the course the student can set his / her own objectives to the given task and offer solutions in the form of drawings and models.

**Contents:**

The lectures deal current features in architecture and specific issues related to the topic of the design exercise. The student selects the topic of the task by him- / herself with the help of the teachers. The exercise can comprise a design project (extent at least 8 ECTS) complemented by a written survey.

**Mode of delivery:**

Lectures and face-to-face teaching

**Learning activities and teaching methods:**

The exercise is tutored in common studio sessions and intermediate critiques. The completed works are presented in an open critique. Evaluation is based on the architectural quality, standard and processing of the exercise.

**Target group:**

5th year master students

**Prerequisites and co-requisites:**

Contemporary architecture IV or equivalent course.

**Recommended optional programme components:**

The course is intended for students in the Architectural Design and Building Design orientations.

**Recommended or required reading:**

List of readings will be handed out at the lectures.

**Assessment methods and criteria:**

The grading is based on evaluation of the achieved goals of the task, quality of the exercise.

**Grading:**

1 - 5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www.oulu.fi/architecture/node/5921>

**Person responsible:**

Professor Rainer Mahlamäki

**Working life cooperation:**

-

**Other information:**

-

## 451560S: Research and Theory of Architecture, 2 - 10 op

**Voimassaolo:** 01.08.2006 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opettajat:** Anna-Maija Ylimaula

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2-10

**Language of instruction:**

Finnish and English

**Timing:**

Autumn term I and 2

**Learning outcomes:**

The course initiates the students into the fundamentals of research and provides basic knowledge of the development of architectural theories and the current features of the research in the field of architecture.

Learning outcomes : The aim of the course is to deepen one's skills in knowledge of architecture and to strengthen the foundation of research based studies in architecture. During the course the student learns to view architecture from the standpoint of architectural theories and to analyze ontological and historical starting points of theory and practice of architecture. After completing the course the student is familiar with the basic concepts of research and can illustrate fields and methods of architectural research.

**Contents:**

Visiting experts will give lectures on research and theory of architecture within a yearly varying topic. During the seminar the students are examining the topic of the course through lectures and analyses. The exercise is a written survey, applying methods of scientific research. The surveys are analyzed and evaluated during the seminar.

**Mode of delivery:**

Active participation and writing a scientific article are required for accomplishing the course.

**Learning activities and teaching methods:**

Lectures and seminars 15 h and workshop 6 h. Active participation and writing a scientific article are required for accomplishing the course.

**Target group:**

The course is primarily intended for post-graduate students, but also master's students are welcome to attend. The course is included in all the three orientations of the master's level as an optional study unit.

**Prerequisites and co-requisites:**

The course is primarily intended for post-graduate students, but also master's students are welcome to attend. The course is included in all the three orientations of the master's level as an optional study unit.

**Recommended optional programme components:**

The course is recommended particularly for students who intend to do their master's thesis or doctoral thesis in the field of architecture. For accomplishing the course, an active participation is required. Instead of an exam student writes a journal based on the course.

**Recommended or required reading:**

Separate list of literature will be handed out.

**Assessment methods and criteria:**

The student participates in the lectures and writing workshops and he/she writes an article during the course. Students are recommended to participate in the National Architectural Research Seminars. The course requires attendance and writing of a scientific article.

**Grading:**

1-5, Pass

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www.oulu.fi/architecture/node/5921>

**Person responsible:**

Professor Anna-Maija Ylimaula, PhD, architect Janne Pihlajaniemi

**Working life cooperation:**

No

**Other information:**

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**900017Y: Survival Finnish Course, 2 op**

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Languages and Communication

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay900017Y Survival Finnish Course (OPEN UNI) 2.0 op

**Proficiency level:**

A1.1

**Status:**

The course is intended for the international students in every faculty of Oulu University.

**Required proficiency level:**

No previous Finnish studies.

**ECTS Credits:**

2 ECTS credits

**Language of instruction:**

Finnish and English

**Timing:**

-

**Learning outcomes:**

By the end of the course the student can understand and use some very common everyday expressions and phrases, and s/he can locate informational content in simple texts and messages. The student also knows the basic characteristics of Finnish language and Finnish communication styles.

**Contents:**

This is an introductory course which aims to help students to cope with the most common everyday situations in Finnish. During the course, students learn some useful everyday phrases, some general features of the vocabulary and grammar, and the main principles of pronunciation.

The topics and communicative situations covered in the course are: general information about the Finnish language, some politeness phrases (how to greet people, thank and apologize), introducing oneself, giving and asking for basic personal information, numbers, some time expressions (how to tell and ask the time, days of the week, time of day), food, drink and asking about prices.

The structures studied are: personal pronouns and their possessive forms, forming affirmative, negative and interrogative sentences, the conjugation of some verbs, the basics of the partitive singular and some local cases for answering the 'where'-question.

**Mode of delivery:**

Multi-modal teaching (Contact teaching, on-line teaching and independent work)

**Learning activities and teaching methods:**

Lessons 1–2 times a week (12–14 h) and guided self study (36 h)

**Target group:**

International degree and post-graduate degree students and exchange students of the University

**Prerequisites and co-requisites:**

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**Recommended optional programme components:**

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**Recommended or required reading:**

Will be provided during the course.

**Assessment methods and criteria:**

Regular and active participation in the weekly lessons (twice a week), homework assignments and written exam at the end of the course will be observed in assessment.

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

**Grading:**

Grading scale is 1-5.

**Person responsible:**

Anne Koskela

**Working life cooperation:**

-

**Other information:**

Sign-up in WebOodi.

**452540A: Varying Courses of Contemporary Architecture, 2 - 10 op**

Voimassaolo: 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opettajat:** Matti Sanaksenaho

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2-10

**Language of instruction:**

Finnish/English

**Timing:**

Autumn term 1-2 and Spring term 1-2

**Learning outcomes:**

After completing the course the student knows the design principles of public buildings and features of contemporary architecture. The student is familiar with fresh architectural tendencies and has developed a personal view on architecture. He / she has the facility for making schematic plans for a demanding public building with a personal touch. He / she understands the influence of design to building and is able to do assisting construction work.

**Contents:**

Varies yearly. The course contains one design exercise of a public building. Participation in an open competition or architecture workshop is possible.

**Mode of delivery:**

Face-to-face teaching, workshops.

**Learning activities and teaching methods:**

The completed works are presented in an open critique. Evaluation is based on the processing of the exercise.

**Target group:**

Bachelor and master level students

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Freebased and recommended to those, who are going to make a graduation in contemporary architecture or architectural construction.

**Recommended or required reading:**

List of articles on contemporary architecture and projects (will be announced at the beginning of the course).

**Assessment methods and criteria:**

Based on exercises.

**Grading:**

1-5 or pass/fail

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

Prof. Matti Sanaksenaho

**Working life cooperation:**

No

**Other information:**

The aim of the course is to initiate students to recent tendencies in architecture, the methods of build buildings, new types of buildings in domestic and international architecture through exercises.

## 452550S: Varying Courses of Contemporary Architecture, 2 - 10 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opettajat:** Mahlamäki Rainer

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2-10

**Language of instruction:**

Finnish/English

**Timing:**

not specified

**Learning outcomes:**

The objective of the course is to initiate the student into contemporary tendencies in architecture, to new ways and methods of building and new building types, both in domestic and international architecture. During the course one can learn how to make a proposal for an architectural competition, or attend a workshop. The workshops train students in combining the phases of designing and building, and constructing in particular.

Learning outcomes: After completing the course the student is able to deal with the specific topic of his / her work either through writing or designing. The student has adequate skills for making a proposal for an architectural competition. After completing a workshop the student distinguishes the connection between design and construction and can at least assist in construction work.

**Contents:**

The course comprises short lectures and case studies dealing with the respective topic. The project is a design exercise for a public building selected by the student. The exercise may also be participation in an open architectural competition or an architectural workshop.

**Mode of delivery:**

Face-to-face teaching, workshops.

**Learning activities and teaching methods:**

The completed works are presented in an open critique. Evaluation is based on the processing of the exercise.

**Target group:**

master level students

**Prerequisites and co-requisites:**

bachelor's degree

**Recommended or required reading:**

List of articles on contemporary architecture and projects (will be announced at the beginning of the course).

**Assessment methods and criteria:**

The course is completed by participating the lectures and performing the design task.

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

Professor Rainer Mahlamäki

**Working life cooperation:**

-

**Other information:**

-

## 454550S: Varying Courses of Urban Design, 2 - 10 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2-10 ECTS

**Language of instruction:**

Finnish or English.

**Timing:**

Autumn term 1-2 / Spring term 1-2.

**Learning outcomes:**

After completing the course the student is able to identify current features in planning and urban design as well as describe their impacts to functional and spatial planning of human settlements. The student can critically implement learning outcomes in different planning and urban design tasks.

**Contents:**

Current features of planning, urban design, and urban development, such as urban planning in developing countries and/or in a northern context, and responsible planning.

**Mode of delivery:**

Mostly independent studying + contact teaching.

**Learning activities and teaching methods:**

8-64 h contact teaching in design studio + 46-206 h independent studying.

**Target group:**

4th year Master level students.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

Study material will be announced separately.

**Assessment methods and criteria:**

Exercise (design project). Basic options are participation in a competition (student competition, open competition) or a thematic design studio. The assessment is based on the design project. Grading is based on the exercise.

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

Prof. Henu Kjisik, prof. Helka-Liisa Hentilä.

**Working life cooperation:**

No

**Other information:**

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**454540A: Varying Courses of Urban Design, 2 - 10 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Oulu School of Architecture

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

2-10

**Language of instruction:**

Finnish or English.

**Timing:**

Autumn term 1-2 / Spring term 1-2.

**Learning outcomes:**

After completing the course the student can identify current features in planning and urban design as well as describe their impacts to functional and spatial planning of human settlements. The student can implement learning outcomes in different planning and urban design tasks.

**Contents:**

Current features of planning, urban design, and urban development, such as urban design in a northern context.

**Mode of delivery:**



Mostly independent studying + contact teaching.

**Learning activities and teaching methods:**

8-64 h contact teaching in design studio + 46-206 h independent studying.

**Target group:**

Bachelor level students.

**Prerequisites and co-requisites:**

-

**Recommended or required reading:**

Study material is announced separately.

**Assessment methods and criteria:**

Exercise (design project). Basic options are participation in a competition (student competition, open competition), summer school or thematic design studio. The assessment is based on the design project. Grading is based on the exercise.

**Grading:**

1-5

Brief instructions on the grading scale and assessment of studies on the school's website at <http://www oulu.fi/architecture/node/5921>

**Person responsible:**

Prof. Henu Kjisik, prof. Helka-Liisa Hentilä

**Working life cooperation:**

No

**Other information:**

The student can include the course into her / his optional studies.