

Opasraportti

OSA - Courses in English for exchange students (2017 - 2018)

Courses in English for exchange students at the Oulu School of Architecture

This Course Catalogue lists courses taught in English that are available for exchange students at the Oulu School of Architecture during academic year 2017-18.

When preparing your study plan please use the information provided under the **Courses** tab in this catalogue. Read carefully the information of each course you wish to take (language of instruction, target group, course content, timing, preceding studies, additional information etc.).

For information on the exchange application process please see www.oulu.fi/university/studentexchange. All exchange applicants must submit their exchange application through SoleMOVE by the deadline given, proposed study plan is attached to the on-line application.

Accepted exchange students are required to register to all courses. Course registration takes place once you have received your University of Oulu login information close to the start of your exchange period. When registering you will be able to find detailed information on teaching and schedule under **Instruction** tab.

A detailed full-time schedule for the studies and teaching sessions in the International Master's Programme in Architecture 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:

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 the Finnish language.

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

Teaching periods for 2017-18

Autumn term 2017

Period 1: Sept 4 - Oct 27, 2017

Period 2: Oct 30 – Dec 22, 2017

Spring term 2018

Period 3: Jan 8 – March 9, 2018

Period 4: March 12 – May 11, 2018

For arrival and orientation dates see www.oulu.fi/university/studentexchange/academic-calender

Any questions on courses at the Oulu School of Architecture should be addressed to:

Architect Leena Kuorelahti, Faculty International Coordinator
e-mail study.architecture@oulu.fi

Further information on application process and services for incoming exchange students:
www.oulu.fi/university/studentexchange

international.office@oulu.fi

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

455561S: Advanced Studies in Architectural Design, 2 - 10 op
A410249: Design of Public Buildings 1, 15 op
Compulsory courses
452504A: Contemporary Architecture IV, 15 op
A410250: Design of Public Buildings 2, 15 op
Compulsory courses
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
452550S: Varying Courses of Contemporary Architecture, 2 - 10 op
454550S: Varying Courses of Urban Design, 2 - 10 op
453551S: Varying courses in Architectural Construction, 2 - 10 op
451551S: Varying courses in History of Architecture and Renovation, 2 - 10 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

455561S: Advanced Studies in Architectural Design, 2 - 10 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Oulu School of Architecture

Arvostelu: 1 - 5, pass, fail

Opettajat: Aulikki Herneoja

Opintokohteen kielet: Finnish

ECTS Credits:

2-10

Language of instruction:

English

Timing:

Autumn term 1-2

Learning outcomes:

After completing the course the student is able to fairly independently carry out a project work related to architectural design. The student is able to implement the previously learned knowledge through particular issues defined individually together with the teacher. The student is able to apply the principles of sustainability. Student is able to apply research skills in his / her exercise (for example research by design).

Contents:

The aim of the course is to offer the student the possibility to advance his/her knowledge of a special issue of design through a literary and /or a visual thesis and in design exercise according to his / her own choice. The chosen design issue should be attached to the theme of Contemporary Architecture V exercise. The content of the course is defined individually in co-operation with the teacher. The student completes a literary and /or a visual thesis and design exercise according to an agreed program.

Mode of delivery:

Contact teaching and independent studying.

Learning activities and teaching methods:

Personal or / and group tutoring maximum 20-80 hours.

Target group:

2nd year master students

Prerequisites and co-requisites:

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Recommended optional programme components:

The course belongs to the Advanced Architectural Design study module. The Advanced Studies in Architectural Design course is suggested to proceed together with course Contemporary Architecture V.

Recommended or required reading:

Course literature will be selected according to the chosen issue of design.

Assessment methods and criteria:

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

Grading:

1-5

Person responsible:

University Lecturer Aulikki Herneoja

Working life cooperation:

Concentrating on design contents of architecture in written and / or in visual form belong to demanding architectural design tasks in work life context..

Other information:

This course is intended for registered master level students of the Oulu School of Architecture, including the international students of the school.

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 courses

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:

English / Finnish

Timing:

spring term

Learning outcomes:

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

After completing the course the student has the skills to sketch a medium- size (approx. 1000–8000 m²) 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 course is a studio course with emphasis on the design exercise. The lectures deal with current features of 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 an integral part of the course program.

Mode of delivery:

Lectures and face-to-face teaching

Learning activities and teaching methods:

The course comprises a design exercise and lectures. 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.

Target group:

1st year master students. The course is intended for students in the Architectural Design and Building Design orientations.

Prerequisites and co-requisites:

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, pass / fail

Person responsible:

Professor Rainer Mahlamäki

Working life cooperation:

The project work trains the student's design skills needed in the architect's profession.

Other information:

This studio course is intended for registered master level students of the Oulu School of Architecture, including the international students.

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 courses***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

Opettajat: Janne Pihlajaniemi

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish / English

Timing:

Spring term

Learning outcomes:

Upon completion of the course the student identifies the qualities of concrete, steel and wood 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 wood including their strength properties, products and structural detailing with them. The design studio comprises structural design project of a large scale building.

Mode of delivery:

The course is based mainly on independent studies.

Learning activities and teaching methods:

Lectures and demonstrations 24 h, independent working 111 h.

Target group:

1st year master students.

Prerequisites and co-requisites:

Bachelor level courses in structures and building sciences.

Recommended optional programme components:

Design work is linked to the Contemporary architecture IV-assignment.

Recommended or required reading:

Study compendiums. Other course literature will be announced separately.

Assessment methods and criteria:

Lectures and design project. The course is based mainly on independent studies. In the project assignment students work together with the students of construction engineering. The evaluation is based on the design project.

Grading:

1-5

Person responsible:

professor Janne Pihlajaniemi, NN

Working life cooperation:

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Other information:

This studio course is intended for registered master level students of the Oulu School of Architecture

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 & 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 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 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

Person responsible:

University Teacher Henrika Pihlajaniemi

Working life cooperation:

The design of buildings from the perspectives of daylighting and energy-efficiency belongs to the tasks of an architect. Additionally, the tasks include designing the principles and realization of artificial lighting in a way that it supports the functions, use and architectural character of the building. There is a wide demand for expertise of lighting design in the field of architectural design. The teachers of the course have experience as practicing architects and design professionals and they have direct relation to the professional working life.

Other information:

This course unit is intended for registered master level students of the Oulu School of Architecture, including the international students of the school.

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 of 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, including 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 master students

Prerequisites and co-requisites:

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Recommended optional programme components:

The course is part of Design of Public Buildings study module. Interior Design is suggested to proceed together with the course in Architectural Lighting.

Recommended or required reading:

Course literature will be announced separately 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 the outcome of the exercise work. No exam is included in the course.

Grading:

1-5

Person responsible:

University Lecturer Aulikki Herneoja

Working life cooperation:

Interior design in general and designing fixed furniture belong to the tasks of an architect practicing in the field of building design.

Other information:

This course is intended for registered master level students of the Oulu School of Architecture, including the international students of the school.

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 study unit the student is able to recognize features of contemporary and future interests within the design of public urban space, and to identify interaction between the built environment, society, business and innovations, culture, technology, and nature. The student is able to demonstrate various programmes, plans, and aims for 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 and areas.

Contents:

The lectures deal with the design of public urban spaces, and procedures of integrative urban design, planning and development. Operational models and practices for enhancing competitiveness and vitality of urban areas are introduced. The exercise work focuses on thematic urban design and development of the functional and physical environment in the urban context.

Mode of delivery:

Contact teaching and 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:1st year master level students.**Prerequisites and co-requisites:**

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Recommended optional programme components:

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

Grading:

1-5

Person responsible:

Postdoctoral Researcher Sari Hirvonen-Kantola

Working life cooperation:

As the planning project may be commissioned by a city or another party, the student will work on future development prospects in the area. Then, the collaboration simulates the procedures of public-private-partnerships in urban development.

Other information:

This studio course is intended for registered master level students of the Oulu School of Architecture, including the international students.

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 & 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 master students

Prerequisites and co-requisites:

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Recommended optional programme components:

The course is part of the Design-Led Urban Renewal study module. The design project included is connected with the Urban Space Design -course.

Recommended or required reading:

Course literature will be announced separately during the course.

Assessment methods and criteria:

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

Grading:

1-5

Person responsible:

University Lecturer Aulikki Herneoja

Working life cooperation:

Urban space detailing is a sector of urban space design practices. The contents of Urban Space Detailing course belong to the work scope of a practicing architect focusing on designing urban environments.

Other information:

This course unit is intended for registered master level students of the Oulu School of Architecture, including the international students of the school.

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 & 2

Learning outcomes:

After completing the course the student is able to recognize an industrially designed product and to analyze its design related substance, and is able to make a commentary literary synopsis. The student can carry out an exercise work of designing an object related with urban context, making use of 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, with emphasis on urban context. Research skills are on display, when the 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 the design exercise work, which is a design task object related to the Urban Space Detailing course.

Mode of delivery:

Contact teaching and independent study.

Learning activities and teaching methods:

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

Target group:

1st year master students

Prerequisites and co-requisites:

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Recommended optional programme components:

The course is part of the Design-Led Urban Renewal study module. The design project is connected with the Urban Space Detailing course.

Recommended or required reading:

Course literature will be announced separately during the course.

Assessment methods and criteria:

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

Grading:

1-5

Person responsible:

University Lecturer Aulikki Herneoja

Working life cooperation:

The Design in Urban Context course is design-oriented of its nature, but the course has also background and research oriented contents. The exercise assignment of the Design in Urban Context course, dealing with object design in urban environment, is simulating one of the tasks practicing architect faces in her/his career.

Other information:

This study unit is intended for registered master level students of the Oulu School of Architecture, including international students of the school.

452505S: International Studio, 15 op

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

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 course is a studio course with emphasis on the design exercise. 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 with the help of the teachers. The exercise can comprise a design project complemented by a written survey.

Mode of delivery:

Lectures and face-to-face teaching, studio sessions and lectures

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:

2nd 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, pass / fail

Person responsible:

Professor Rainer Mahlamäki

Working life cooperation:

The project work trains the student's design skills needed in the architect's profession.

Other information:

This studio course is intended for registered master level students of the Oulu School of Architecture, including the international students.

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 ECTS

Language of instruction:

Finnish and English

Timing:

Autumn term 1 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. 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 by outside experts.

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:

Bachelor's degree in architecture. Genuine interest in reading and reflecting the triangle of research, theory and practice.

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 the 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, fail

Person responsible:

Professor Anna-Maija Ylimaula, Professor Janne Pihlajaniemi

Working life cooperation:

The course provides a good basis for doctoral studies for those who wish to combine theory and practice or become researchers of architecture.

Other information:

The course is intended for registered domestic and international master level students of the Oulu School of Architecture only.

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 optional programme components:

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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, fail or pass / fail

Person responsible:

Professor Rainer Mahlamäki

Working life cooperation:

The project work trains the student's design skills needed in the architect's profession.

Other information:

This studio course is intended for registered master level students of the Oulu School of Architecture.

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 study unit 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. In case the student writes a treatise, the student has basic competence in scientific writing after completing the study unit.

Contents:

Current features of planning, urban design, and urban development, such as urban planning in developing countries and/or in a northern context, and sustainable 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's level students.

Prerequisites and co-requisites:

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Recommended optional programme components:

The study unit is part of the module "Sustainable Urban Development".

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. The mode of delivery can also be a scientific treatise, which is agreed on separately.

Grading:

1-5, pass / fail

Person responsible:

Postdoctoral Researcher Emilia Rönkkö

Working life cooperation:

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Other information:

This study unit is intended for registered master level students of the Oulu School of Architecture, including the international students. The student can also include the study unit into her / his optional studies if not included in the module "Sustainable Urban Development". Students of the Master's Programme in geography can complete the study unit by writing a scientific essay.

453551S: Varying courses in Architectural Construction, 2 - 10 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Oulu School of Architecture

Arvostelu: 1 - 5, pass, fail

Opettajat: Janne Pihlajaniemi

Opintokohteen kielet: Finnish

Language of instruction:

Finnish / English

Timing:

varying

Learning outcomes:

After completing the course the student has independently gone deeply into a specific field within architectural construction in order to be able to implement his / her skills in producing drawings of demanding building parts and details independently and to present the functional justifications of the selected solutions.

Alternatively the student can independently write a survey, dealing with a specific field within architectural construction according to his / her own choice. In the survey the student can analyze, explain and estimate the issues of architectural construction in question.

Contents:

The content of the course varies. The exercise work can alternatively be a design project, including a sufficient extent of working and detail drawings, or a written study on an individually defined topic. The course is elective. The aim of the course is to deepen one's skills within the field of architectural construction.

Mode of delivery:

Face-to-face teaching, independent working.

Learning activities and teaching methods:

54 – 270 hours of independent working and personal and / or group tutoring.

Target group:

master level students

Prerequisites and co-requisites:

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Recommended optional programme components:

not applicable

Recommended or required reading:

List of readings will be handed out during the course.

Assessment methods and criteria:

The evaluation is made based on outcome of the individual exercise work completed independently. No exam is included in the course.

Grading:

1-5

Person responsible:

professor Janne Pihlajaniemi, university teacher Petri Aarnio

Working life cooperation:

It is possible to complete the course as a part of the independent working life performances.

Other information:

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451551S: Varying courses in History of Architecture and Renovation, 2 - 10 op

Voimassaolo: 01.08.2015 -

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 ECTS

Language of instruction:

Finnish / English

Timing:

Flexible, autumn and spring terms

Contents:

The content of the course is defined separately.

Learning activities and teaching methods:

Varies

Target group:

Master's level students

Recommended or required reading:

Defined separately

Assessment methods and criteria:

The course does not include any lectures or examinations. Assessment depends on the assignment.

Grading:

1-5, pass, fail

Person responsible:

Professor Anna-Majja Ylimaula

Working life cooperation:

Depending on the content of the course the designing office or the property owner may offer a work placement.

Other information:

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