

UMA
Works
20/21



About: UMA Works aims to provide insight into the profile and structure of our education. Design studios and courses from the past academic year are presented through descriptions of the themes and pedagogy along with student work and images from various events. The printed version is sent out to students, staff, collaborators and actors within the field, while a digital version is available online.

Om: Syftet med UMA Works är att ge inblick i profilen och strukturen för den utbildning som bedrivs på Arkitekt högskolan vid Umeå universitet. Genom beskrivningar av teman och pedagogik samt studentarbeten och händelser presenteras kurser och de tematiska designstudios som studenterna kunnat välja i olika årskurser. Den tryckta versionen av denna publikation skickas ut till studenter, anställda, samarbetspartners och relevanta aktörer inom ämnesområdet. En digital version finns också tillgänglig på institutionens webbsida.

Edition Notice

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New Working Methods

The academic year of 2020/2021 has been different in many respects. During this period, all activities at UMA have been conducted digitally as far as possible - a consequence of the ongoing pandemic.

English: The rapid shift to digital education has meant major changes in working methods for teachers, students and administrators at the school. It is fair to say that we, together, have achieved great competence development when it comes to the use of various digital tools while moving everything from meetings, lectures, tutorials, planning and communication online. While many of us certainly yearn a return to our usual methods and habits in many situations, there are undoubtedly also moments when our new experiences has shown to be improvements and possibilities for the future development of architectural education and research.

Looking back at a academic year marked by pandemic adaption, we feel proud in the fact that our work has proceeded surprisingly well. Students have been able to continue their journey of architectural education, new courses has been added to our supply and likewise, the work of expanding research activities at the school is progressing.

During the year, we recruited a number of new associate professors and one Professor, thereby strengthening the research profile of UMA. In parallel to these new recruitments, we also put in place plans to develop the competences of existing teachers so that they can be a greater part of UMA's research activities.

Another aspect worth highlighting as we wrap up the year is the fact that the Students of UMA have continued to produce high-quality work throughout the period. This is obvious and can be seen in the pages of the publication that you are now holding in your hands or viewing on your screen.

As we eagerly await more normalized and predictable conditions – to be back on-site and to further develop our educations, research, facilities and structures together – UMA Works provides us the possibility to look back on everything we’ve collectively achieved during the past year. For readers external to Umeå School of Architecture – regardless if you are part of the Architecture field, collaborators of the department, a curious citizen or someone thinking about applying to our programmes’ – we wish that this publication will give insight into and inspiration from the activities at UMA during the academic year 2020/2021.

Svenska: Läsåret 2020/21 har otvivelaktigt kommit att präglas av den pågående pandemin och de nödvändiga anpassningar som behövts för att stävja smittspridningen. Behovet av en snabb omställning till distansarbete och distansstudier har inneburit stora förändringar i arbetsmetoderna för Arkitekt högskolans lärare, studenter och administratörer. Anpassningen – att flytta möten, planering, föreläsningar, handledning och mycket mer till distansplattformar – har utan tvivel lett till en omfattande gemensam kompetensutveckling i användandet av olika digitala verktyg. Samtidigt som det finns situationer där många av oss längtar efter en återgång till tidigare arbetsmetoder har dessa nya erfarenheter i vissa fall inneburit förbättringar och visat oss möjligheter för hur vi i framtiden kan utveckla institutionens arbetssätt, utbildningsverksamhet och forskning.

När vi nu ser tillbaka på ett läsår präglad av pandemins restriktioner och anpassningar kan vi ändå, med stolthet, konstatera att vårt arbete fortlöpt förvånansvärt bra. Studenter har kunnat fortsätta sin resa mot arkitektyrket, nya kurser har tillkommit vårt utbildningsutbud och vår ambition att stärka skolans forskningsverksamhet har fortlöpt.

Under det gångna året har vi rekryterat två nya lektorer och en ny professor samtidigt som arbetet att erbjuda kompetensutveckling för anställda lärare med syfte att öka deras förutsättningar att forska har fortsatt.

Något vi särskilt önskar lyfta fram när vi sammanfattar det gångna året är det faktum att skolans studenter framgångsrikt fortsatt att producera högkvalitativa arbeten under dessa omständigheter. Detta är för oss uppenbart, och går att se när man analogt bläddrar eller digitalt scrollar genom denna publikation.

När vi nu längtar efter mer normaliserade och förutsägbara omständigheter – att vara tillbaka tillsammans i vår byggnad på Konstnärligt campus och fortsätta utvecklingen av utbildning, forskning, lokaler och arbetssätt – kan vi genom att titta i UMA Works få en chans att se tillbaka på det vi gemensamt åstadkommit under det gångna året. För externa läsare, oavsett om ni arbetar inom arkitekturfältet, samarbetar med oss eller är nyfikna medborgare, hoppas vi att denna publikation ska ge inblick i hur vi arbetar samt inspiration från de aktiviteter vi genomfört läsåret 2020/21.

The Umeå School of Architecture Leadership

Mikael Henningsson, Head of Department
Michael Gruber, Assistant Head of Department
Sara Thor, Deputy Head of Department
Sangram Shirke, Programme Director



Technicians Håkan Hansson and Kent Brodin at the UMA Workshop. Photo: Navid Ghafouri



Photo: Navid Ghafouri



Photo: Navid Ghafouri



Photo: Erik Persson

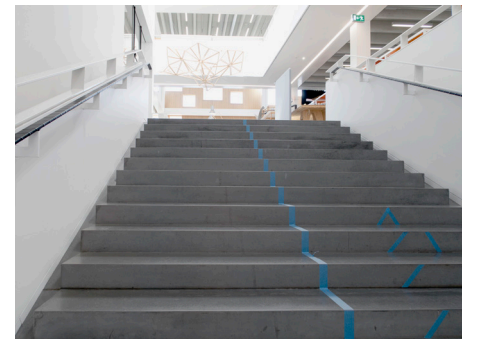


Photo: Navid Ghafouri

Activities during the academic year have been conducted remotely, as far as possible. All due to the ongoing pandemic. For the necessary on-site activities, precautions in terms of setting up restrictions of access to the building and rules of how to move within the building were set up. These Covid-19 space adjustments and the floor tape system was made and executed during September 2020 by Kent Brodin, technician at UMA.

Umeå School of Architecture

A local and global school of architecture

English: Umeå School of Architecture (UMA) is a department of Umeå University that occupies a unique academic and geographical position in Sweden. The school operates in-between the artistic, the scientific and the professional field of knowledge and has a strong focus on exploratory and experimental work based on broad inter-disciplinary perspectives. UMA engages with contemporary societal challenges, and our profile and education is significantly embedded in issues of ethical design and sustainable development, attracting teachers and students from all over the world that wish to contribute to this endeavour.

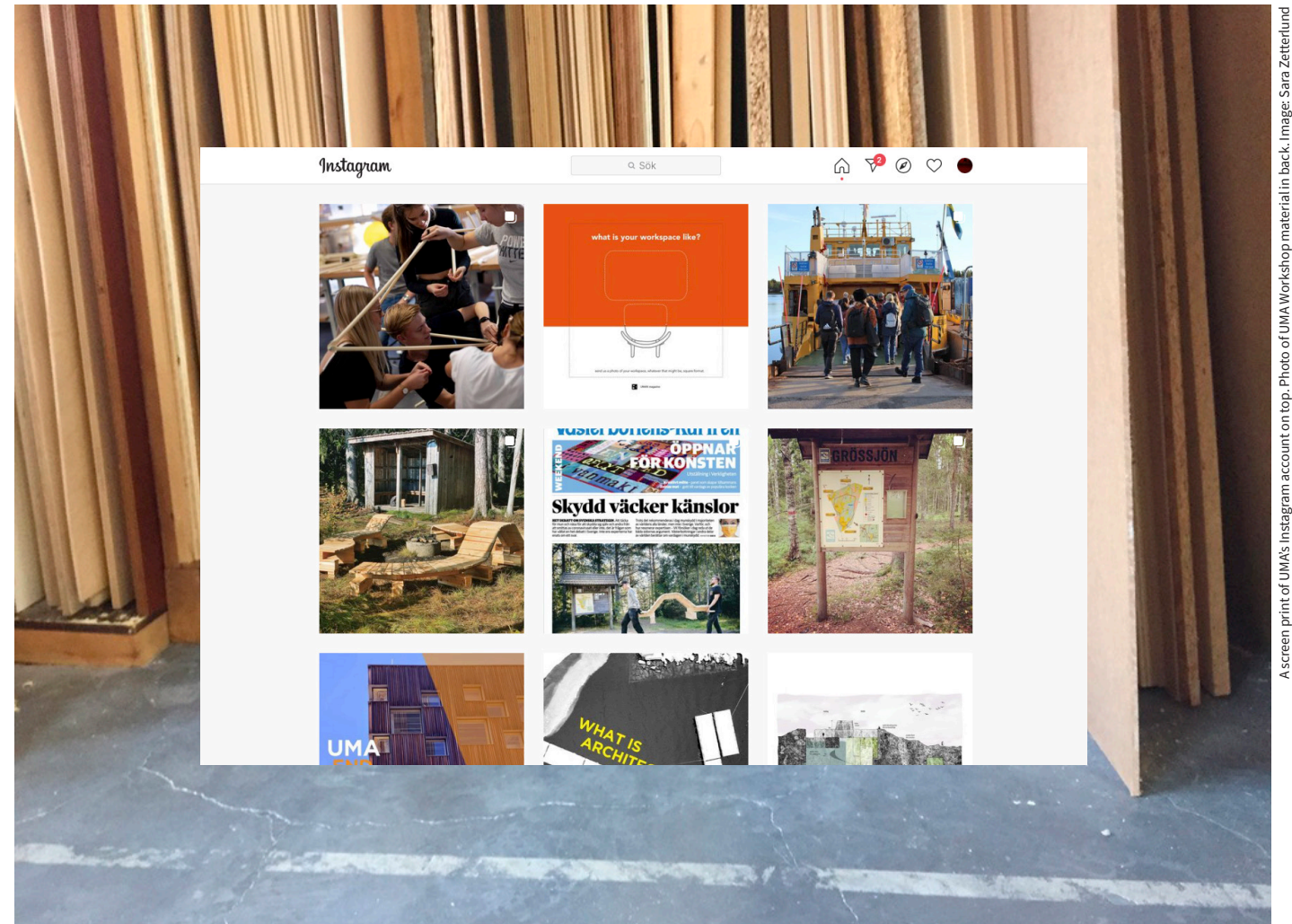
The location of the school in a rapidly growing, service-dominated city within a natural resource-rich but depopulating region provides a distinctive atmosphere as well as an excellent context and scale to explore holistic approaches through case studies and the effects of architecture and urban design on existing conditions. Increasingly this has led to live projects situated within the city and region as well as related international projects in areas subject to political change and social deprivation.

The school focuses on socially engaged forms of education and practice that are carried out in design studios with different thematic orientations, exploring new fields of knowledge related to architecture and urban planning. By developing an awareness of the historical, theoretical, political and professional concerns and agendas that drive the contemporary debate on architecture and urban planning, the students are able to choose subjects orientated towards the development of their professional identity and to find a basis for future research and practice. The aim is to promote a deeper insight into societal challenges

Svenska: Arkitekt högskolan (UMA) är en institution vid Umeå universitet med en unik akademisk och geografisk position i Sverige. Vår strävan är att arbeta i gränslandet mellan konstnärliga, vetenskapliga och yrkesmässiga metoder samt att ha ett starkt fokus på utforskande, experimentella och tvärvetenskapliga perspektiv. På UMA engagerar vi oss i samtidens sociala utmaningar. I vår profil och våra utbildningsmetoder finns en strävan att konkret knyta an till frågor om designetik och hållbar utveckling som under årens lopp lockat studenter och anställda som vill bidra till utvecklingen av detta.

Arkitekt högskolans geografiska läge i en snabbt växande, servicedominerad stad i en region rik på naturresurser och samtidigt präglad av pågående avfolkning bidrar till skolans speciella karaktär och utgör samtidigt en utmärkt kontext för undervisningsteman, studentarbeten och forskning med holistiska utgångspunkter kring arkitekturen och stadsplaneringens effekter. I tilltagande grad har denna kontext också bidragit till att konkreta projekt kunnat genomföras inom ramarna för utbildningen och forskningen, så väl i Umeå, i regionen som i andra geografiska miljöer präglade av politisk förändring och social turbulens.

Vår strävan att bedriva en socialt engagerad utbildningsverksamhet genomförs i formen av designstudios med olika tematiska inriktningar där lärare och studenter tillsammans utforskar utgångspunkter och kunskap relevant för utvecklingen av arkitektur- och planeringsämnet. Genom att utveckla en medvetenhet om de historiska, teoretiska, politiska och yrkesmässiga problemformuleringar och agendor som präglar den samtida arkitekturen och stadsplaneringen ges studenter på UMA möjligheten att engagera sig i ämnena och



A screen print of UMA's Instagram account on top. Photo of UMA Workshop material in back. Image: Sara Zetterlund

es and the architect's role in 21st Century society in order to meet a future with an emphasis on cross-disciplinary co-operation. The development of these design practices allows for a greater freedom when combining expertise in creative, professional and research based practices & methods, providing a more holistic and inter-disciplinary environment, which is in accordance with global educational trends.

Our studios focus on research themes that have particular relevance to contemporary society with an emphasis on climate and resources, emerging technologies, socially sustainable urban and rural development and ethical design. We investigate how these issues affect the local area and the region around Umeå; and how these are related to other global contexts. This, in turn, helps to develop a deeper understanding of the socio-cultural dynamics of the regional context, which can be translated into new design strategies and interventions on a wider scale. The subject development integrates artistic, pedagogical, professional and research practice as well as creating new forms of practice. Important

frågor som utvecklar deras yrkesidentitet som arkitekter och söker utgångspunkter för framtida forskning och yrkespraktik. Målsättningen är att erbjuda en djupare insikt om pågående sociala utmaningar och arkitektens roll i samtiden i syfte att utveckla framtidens tvärdisciplinära samarbeten. Idén bakom utvecklingen av en sådan designpraktik är att den ska innebära större friheter att kombinera olika ämneskunskaper i kreativa, yrkesmässiga och forskningsbaserade praktiker och metoder, i linje med den internationella utvecklingen i fältet.

Temana för de designstudios som är valbara inom utbildningen är sådana som har särskild relevans i samtiden, med ett särskilt fokus på klimatförändringar, resurshushållning, teknikutveckling, socialt hållbar stads- och landsbygdsutveckling samt etisk design. Vi strävar efter att undersöka hur dessa frågor tar sig uttryck i vårt lokala och regionala närområde, likväl som i en global kontext och att diskussion förenas med handling i form av konkreta, fullskaliga projekt i verkliga miljöer. Vår erfarenhet och förhoppning är att detta leder till

UMA

Education Structure

elements of the programme include social and environmental sustainability, resource awareness, working at different scales, experimenting with technical solutions and prototyping through full-scale construction and architectural interventions and installations in the physical environment. The design process is explored through investigative and process-oriented methods, and modes of working are tested and developed through unconventional experimentation, where the learning environment is conceived as a laboratory.

Architecture students of today need to develop a reflective approach based on critical thinking and the ability to take a political and philosophic stance on a wide range of societal and ethical questions. Through wider collaborations with society, both locally and internationally, we aim to find new ways to support students to develop their critical thinking and to provide them with the tools necessary to approach the societal challenges they will meet in their working life. Our ambition is that this will allow our students to acquire a global and deeper understanding of the criteria for the architecture and infrastructure needed for a more sustainable future.

Research at UMA

English: During the past year, Umeå School of Architecture has worked steadily to achieve our vision of a creative and productive research environment for Architecture at the department. The planning to restart Research Education in the field has begun and as part of this, we have contracted two new Associate Professors and one new Professor to UMA to achieve amount of teachers and researchers with a PhD needed to tutor our future Research Education. Likewise, we have begun the process of recruitment of one more Professor which we hope to finalize before the end of 2021. During the past year, we have also managed to hold a successful series of seminars, investigating the various subjects our researchers are working with and invited guests from strong research environments to inspire us. We look forward to continue this work throughout the coming academic year.

en djupare förståelse inte minst för vårt närområdes sociokulturella dynamiker, och att dessa insikter kan översättas till nya designstrategier och interventioner som har relevans i ett globalt sammanhang. Arkitekt högskolans bidrag till ämnesutvecklingen av arkitekturen integrerar etablerade pedagogiska, yrkesmässiga och forskningsmässiga praktiker med nya tankesätt och metoder. Vi undersöker design genom processbaserade metoder och utforskar okonventionella arbetssätt utifrån synsättet att studiemiljön är ett laboratorium.

En utgångspunkt i Arkitekt högskolans profil är att dagens arkitektstudenter behöver utveckla ett reflekterande, kritiskt förhållningssätt som förbereder dem att aktivt göra etiska och politiska ställningstaganden till en lång rad samhällseliga frågor. Genom aktiv samverkan med samhället, såväl lokalt som globalt, hoppas vi kunna ge studenter möjligheten att utveckla detta och förbereda sig för den verklighet de kommer möta i sin kommande yrkesroll som arkitekter och att de därifrån ska kunna bidra till att skapa den infrastruktur och arkitektur som är nödvändig för en hållbar framtid.

Svenska: Under det gångna året har vi på UMA arbetat aktivt utifrån vår vision att bygga upp en kreativ och produktiv forskningsmiljö kring arkitektur. Planeringen av en återstart av forskarutbildningen i ämnet har påbörjats och en del i detta arbete är att vi anställt fyra nya lektorer (associate professors) samt en professor. Detta innebär att vi nu har betydligt fler disputerade lärare och forskare och att vi har en tillräckligt stor grupp potentiella handledare för en framtida forskarutbildning. Vi har också påbörjat rekryteringen av ytterligare en professor och hoppas kunna slutföra denna rekrytering i början av hösten 2021. Vi har även genomfört en mycket lyckad seminarieriserie under året där vi dels inventerat vilka forskningsområden våra egna forskare arbetar med, dels bjudit in gäster från starka forskningsmiljöer för att inspirera oss. En spännande utveckling som fortsätter nästkommande år.

Umeå School of Architecture provides two educational programmes: A five-year Architecture Program of 300 credits leading to an Architectural Degree and a two-year Masters programme in Architecture and Urban design leading to an artistic Masters degree. The teaching is primarily based on design projects and integrates theoretical and scientific knowledge with process-oriented and artistic research. Supporting courses in architectural theory, architectural history, urban planning and technology run in parallel during the semesters.

Design Studios

UMA 1 (Year 1)

Through experiments, project-based teaching and theoretical reflection, the design course in the first year aims to provide basic orientation in the subject of architecture. The design course examines the concepts of space, scale and body and the students learn to develop methods for synthesizing practical and theoretical knowledge.

Bachelor Studios (Year 2 + 3)

In the 2nd and 3rd year, the students get the opportunity to, each fall, choose amongst three different design studios. The vertical studios defines their own agenda by exploring specific topics, sites and methodologies, while being anchored in the curriculum. Here students gain further knowledge and access to workshops at UMA.

Master Studios (Year 4 + 5)

The last two years of education is characterized by consistent focus on sustainability and has an exploratory and experimental profile. The design studios at masters level deal with complex local and global issues like displacement, climate change and social inequality. Here students have an opportunity to define their own position as future architects.

Supporting Studies

Technology (Year 1+2+4+5)

Technology courses address different aspects of sustainable materials and constructions over the years. The first three years focus on hands-on building exercises and technical knowledge of building elements. The master level courses focus on developing an holistic understanding of impact of buildings and the precepts of sustainable design.

Theory (Year 1-5)

The Theory courses expand the notion of Architecture and aims to encourage critical thinking through reading seminars, workshops and case studies. The course adds theoretical, philosophical and communicative aspects to the core notions of the design studios. At advanced level, it helps students to position themselves as architects.

History (Year 1-5)

The History of Architecture courses provide students with a critical and global background to our discipline. Beginning with a grounding in the recent history of Modernism, the courses then provide a global synoptic history of the discipline, culminating in the study of the history of megacities.

Urban Planning (Year 2+3)

The Urban Planning Courses deal with planning for architects on a basic level. The course looks at the city and its relation to its environment on different scales; the local, the regional, the national and the global.

Professional Studies (Year 4)

The Professional Studies course is designed to give students an introduction to some of the realities, which will face them when they begin practicing architecture after leaving university. Students use their own design project as case studies and explore how buildings designed in the synthesis course could be procured and built in the real world.

UMA Vertical Workshop (Year 1-5)

Each fall a Vertical Workshop takes place at UMA, engaging all students and staff. The workshop kick-starts the new academic year and is a two week long collaborative investigation conducted in groups, of a contemporary situation in the city of Umeå.



Summer Course: Architecture, Exploration and Reflection (7,5 credits)

The Summer Course offers the opportunity for architecture students to immerse themselves in a site-specific architectural issue. The theme-based workshops that are offered vary from year to year and aim to explore which role architecture can have in relation to social and environmental aspects.

Architecture and the City - Towards another future (7,5 credits)

A Beginner's Course in architecture (starting from fall 2021) exploring both historical and contemporary examples in order to understand how architecture through its devices, buildings, cities and landscapes effect our understanding of the world we live in.



Wool yarn colored with lingonberry, blueberry, aspen leaf, spruce cone and spruce needles. Documentation of part of the material explorations by Team W: Johanna Andersson, Olof Run Arnadottir, André Backlund, Frida Bergner, Tomas Bertelsen, Linda Brokmar, Maja Bygdén, Anna Dahlbäck, Pauline Damgaard, Gustav Söderhult (all UMA 5). Photo: Erik Persson



Portable toolkit made for the Verical Workshop by Håkan Hansson, UMA workshop technician. Photo: Erik Persson



"Svanviken". Benches built and designed by Team U: Emelie Ingemarsson, Linnea Rudholm, Carl Sandberg, Carolina Sandström, Elias Niklasson, Sara Rundblad (all UMA 4). Photo: Erik Persson



"Grössjöbäcken". Infrastructure improvements (benches + water access) by Team R: Emelie Aktanius, Emmelie Haglund, Hanin Farhan, Hana Osman, Marianne Dellvik, Malin Hilding, Malin Gyll, Pieter-Jan Monserez, Simratpreet Singh, Tanja Marcuz, Victor Otto Hessner (all UMA 4). Photo: Erik Persson



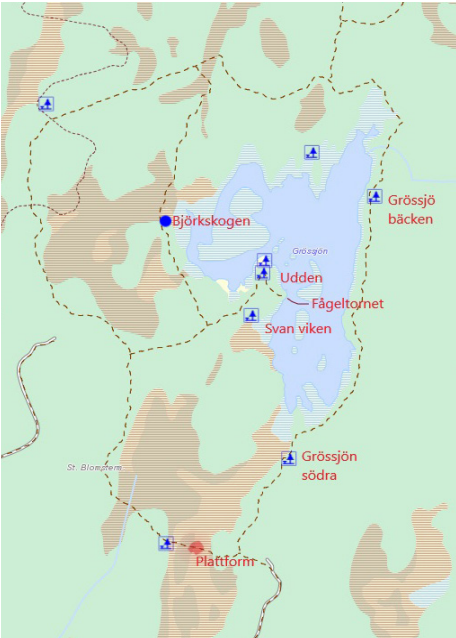
"Björskogen". Benches built and designed by Team S: Samuel Höljman, Linnea Johansson, Sofia Klingesten, Charlie Wilson Källbom, Edwar M. Pabon Jimenez, Karina Gataullina, Rebecka Lindqvist, Ida Grönqvist, Lotta Nilsson (all UMA 4). Photo: Erik Persson



"Grössjön Södra" Benches built and designed by Team V: Fredrika Stelander, Jesper Ullbring, Hannah Ullhamre, Emelie Vänman, Victoria Wadstein, Felix Westergren, Martina Karlsson, Linnea Korpi, Sonja Lindgren, Mikael Parkman (all UMA 4). Photo: Erik Persson



"Udden". Benches built and designed by Team T: Navid Ghafouri, Levi Holst, Karl Lind, Linda Lindkvist, Viktor Lindström, Linnea Lundmark, Arvid Matton (all UMA 4). Photo: Erik Persson



Map of trails and rest areas. Image: Umeå Kommun



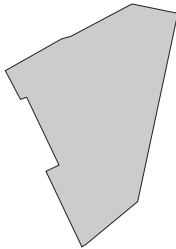
Reserve regulations. Image: Umeå Kommun



UMA 5 investigations pinned on the wall and UMA 1 drawings by hand on the table. Photo: Sara Zetterlund

UMA Vertical Workshop

Grössjön 2020



Administrative border of the nature reserve

Each fall a Vertical Workshop takes place at UMA, engaging all students and staff. The workshop is a two week long collaborative investigation of a contemporary concern/issue connected to the local context. For the 2020's edition of the workshop, all UMA students were sent out to explore the peri-urban nature reserve Grössjön, situated about 7 km from the Arts Campus in Umeå.

For this year's workshop the students were divided into teams within their year, exploring different physical aspects and topics related to the site using the architectural tools of observing, mapping, tracing, drawing, documenting, testing, designing and in some cases even building.

UMA 1 students were sent out to document the site on a micro and macro scale, meticulously exploring different areas within the nature reserve using the tools of tracing and drawing their findings by hand.

UMA 2 investigated the relationship between the non-built environment (nature) and man-made objects/tools, by performing a reversed form of mapping investigating sensorial aspects of the site through the act of design.

UMA 3 were asked to perform various kinds of mappings looking into historical aspects, regulations, definitions of protected land, human wellbeing, ground conditions and leisure activities within the area of Grössjön, with the aim of trying to understand the site from a non-human, human, city, regional and ecological perspective.

UMA 4 students were asked to improve the physical infrastructure for leisure activities on site by designing a new bird tower and wind shelter for the site, as well as re-designing/renovating four of the

existing fire places located within the nature reserve.

UMA 5 investigated the site from a construction material point of view: performing an inventory of trees and making material experiments, as well as investigating aspects of time and material decay, traditional construction techniques and contemporary wood production processes.

The findings, experiments and reflections made during these two weeks were shared with the rest of the UMA students and staff through an internal exhibition built up in the foyer at Umeå School of Architecture and to the public through built objects on site and over social media.

Coordination team:
Emelie El-Habta, Erik Persson, Sara Zetterlund, Sara Thor
Tutors: UMA teaching and technical staff

Lectures and guests:
Ann Dolling (SLU)
John Grundström (SWECO, ARKNAT), Daniel Koch (KTH Architecture, Chalmers Patchwork Architecture Laboratory)

Umeå Kommun:
Marlene Olsson (Department of Environment and Health Protection) Nina Ingvarsson (Streets and Parks), Johan Sandberg (Land and Development), Patrik Wivstad (Fritid Drift)

Collaborators: Umeå Kommun
Material sponsors (wood): SCA



Sara Tuohimaa, UMA1 Archive

UMA 1

Fundamentals Spatial Explorations

Studio teachers:
Richard Conway
Esperanza Campaña
Maxine Lundström

**External lecturers
& guests:**
Patrick Wheeler
Álvaro Martín
Luciano Landaeta

UMA 1 explores spatial narratives. Beginning from the body that acts as a tool to measure, perceive, experience and inhabit space, we explore the deceptively complex geometry that the body can produce through 2 dimensional drawings and 3 dimensional models. These geometrical explorations allows us to reveal the previously invisible space around and between us. After identifying the immediate space around us, we continue to investigate how these spatial fragments relate to the wider context of landscape, the city and life and the stories embedded in these relationships.

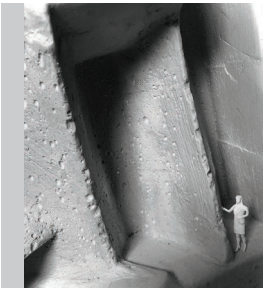
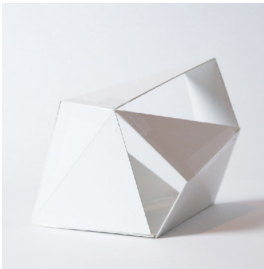
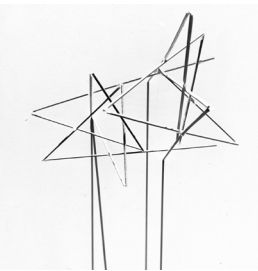
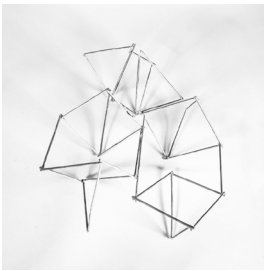
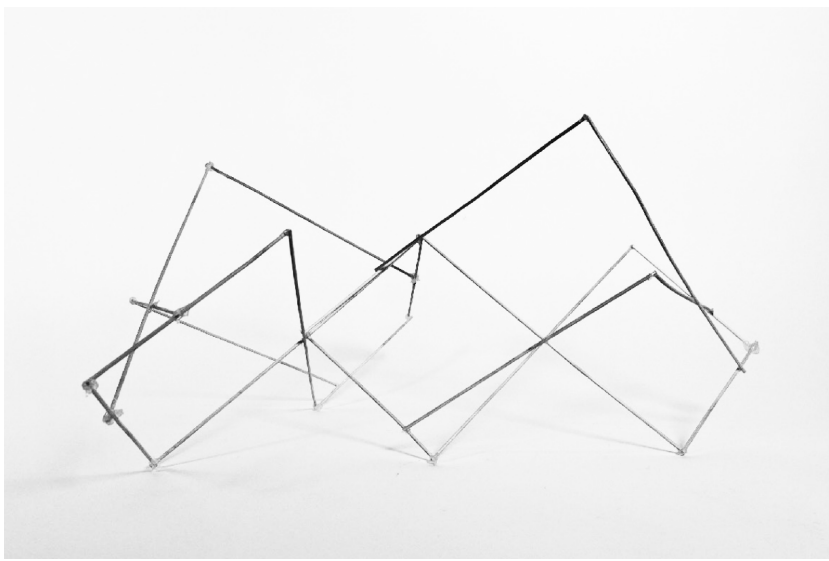
From initial investigations through drawing, the process evolves into two dimensional representations culminating in imaginative and atmospheric spatial volumes and interventions (models). During the year projects, we move between abstract explorations, material experiments and spatial interventions. While the course focuses on the Fundamentals of space and architecture, each project builds on the complexity to the previous step thereby allowing student to develop their individual approach to architecture. This multi layered approach allows students to carry out artistic, technical and conceptual explorations in parallel.

To introduce students to spatial concepts, process based methodologies and critical thinking is both a rewarding and challenging endeavour. Traditionally, this has been carried out in the environment of the architectural studio which values and encourages notions such as peer to peer learning, material experimentations and learning by doing. While the past year has demanded changes to the methods of delivery of these concepts and notions the students of UMA1 have responded valiantly to the new challenges to produce inventive, diverse and atmospheric spatial sequences. Architects adapt!

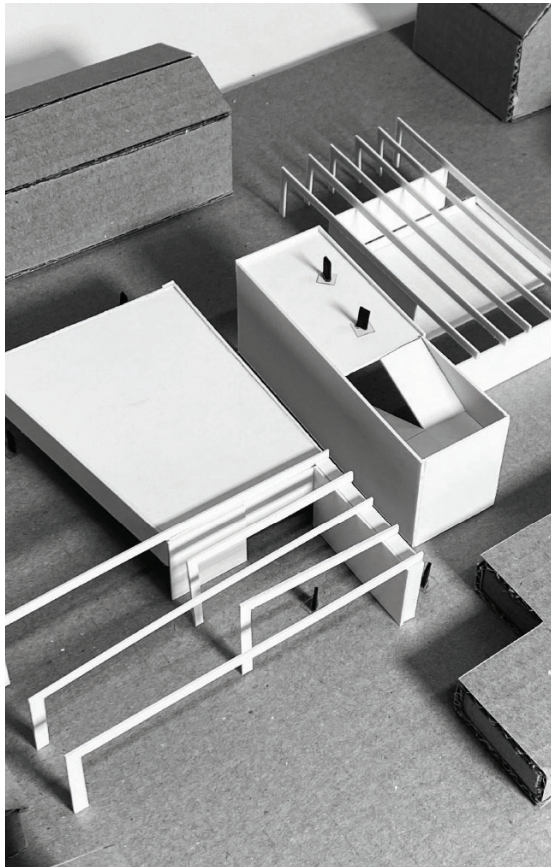
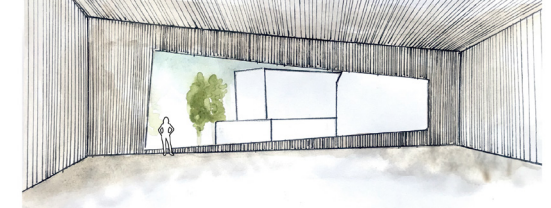
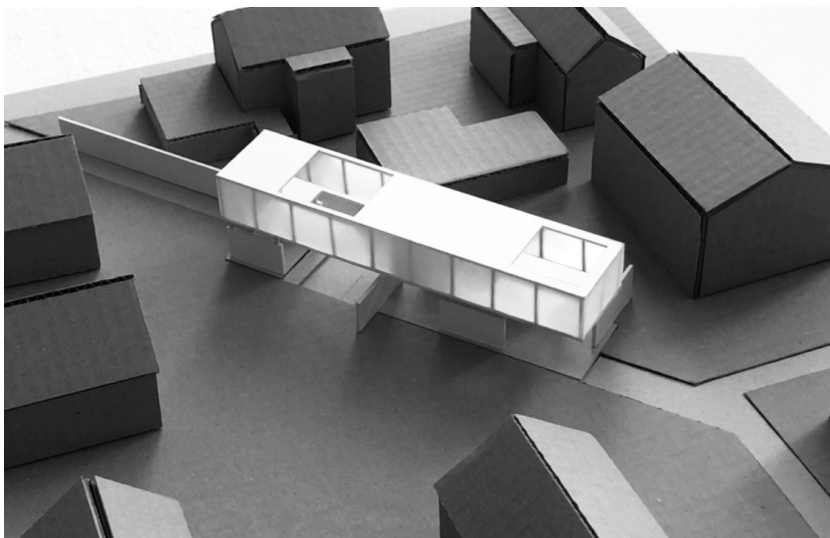
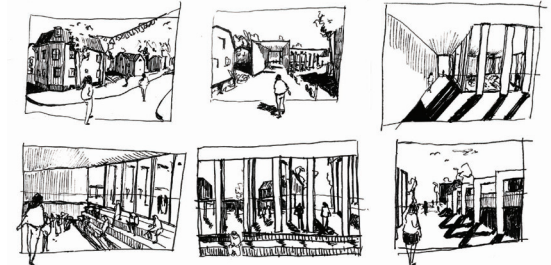
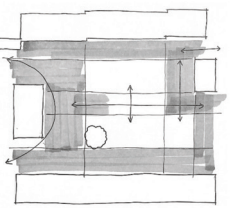
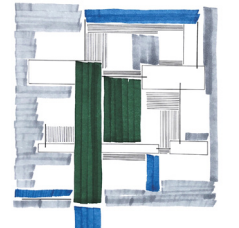
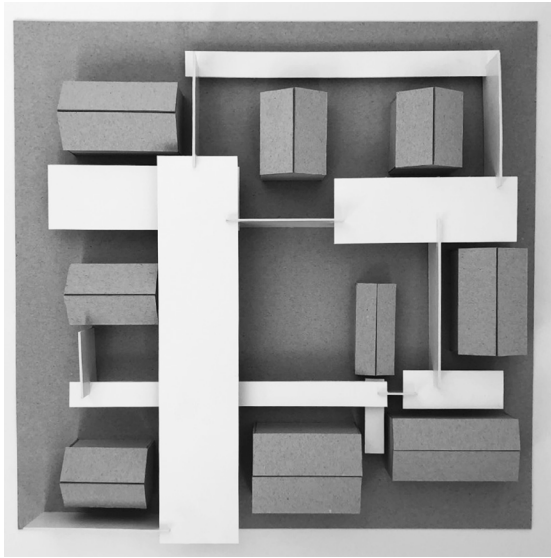
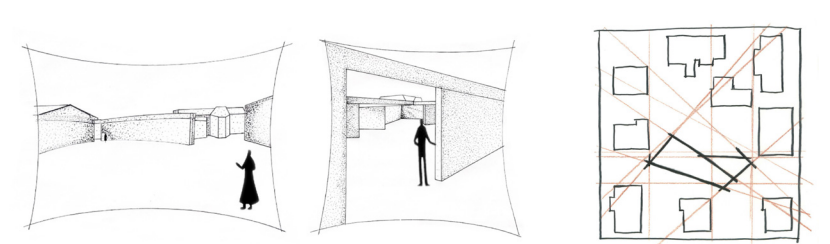


Choreographic bodies. Photo: Samuel Pettersson

Students in photos: Isabelle Björntot, David Aleheim, Karin Hallgren, Ellen Claesson, Stephanie Mander, Thea Lundahl, Oscar Svensson, Judith Björnsdóttir Holm, Valter Fredström, Emrik Svanström, Cornelia Kalle, Adelia Wedekull



Student work by: Jesper Larsson, Josefina Angvald Westesson, Astrid Hainzl, Isabelle Björfot, David Christofferson, Thea Lundahl, Mattias Huss, Yonna Hovrell, Gustav Pettersson Thurfjell, Linnea Johansson, Victor Andersson, Adrian Dahlberg, Judith Björnsdóttir Holm, Stina Molin



Student work by: Linnea Lindman, Ebba Carolusson Ahlin, Lisa Landgren, Adelia Wedekull, Robin Prenler, Yonna Hovrell, Signe Höljer, David Åleheim, Thea Lundahl, Oscar Svensson



Studio 1 exploring Holmön with Karin Lundemark. Photo: Toms Kokins

UMA 2-3, BA Studio 1

Craftopia

Exploring building cultures

Studio teachers:

Toms Kokins
Sara Zetterlund
Joël Jouannet

Collaborators:

Maja Hallén
Karin Lundemark
Holmön community

External lecturers & guests:

Daniel Johansson
Thomas Randall-Page
Jan Rydén

Studio 1 has been focusing on the making of architecture, from the tailoring of detail into the politics of the building sector. In a field getting more specialized for every day passing, it is crucial to learn how to master one's tools in order to gain confidence to be able to question and reflect on aspects related to production, resources, social and physical context in relation to the power structures underlying our built/crafted surroundings. We look at the environment as a whole where culture and nature are intertwined and evolving at different paces.

In the fall semester we learned from the (rural) conditions of Holmön, an

Island situated in Kvarken in an area separating the Botnian bay from the Baltic Sea. On site we explored its built culture through the act of observing, documenting, measuring, drawing, representing and engaging with people, in order to understand the challenges and opportunities that comes with being a secluded community.

In Spring we moved to the urban context of the middle-sized city of Umeå where we started off the semester by reflecting on the role of private/public/common assets using the book of "Allborgarrätten" by Jan Rydén as a discussion and projection platform. With this workshop and the learnings

from Holmön as our base, our second year students developed projects investigating a work/live scenario (dwellings + public program), whereas our third year students got to develop their own program and research questions through their BA-project.

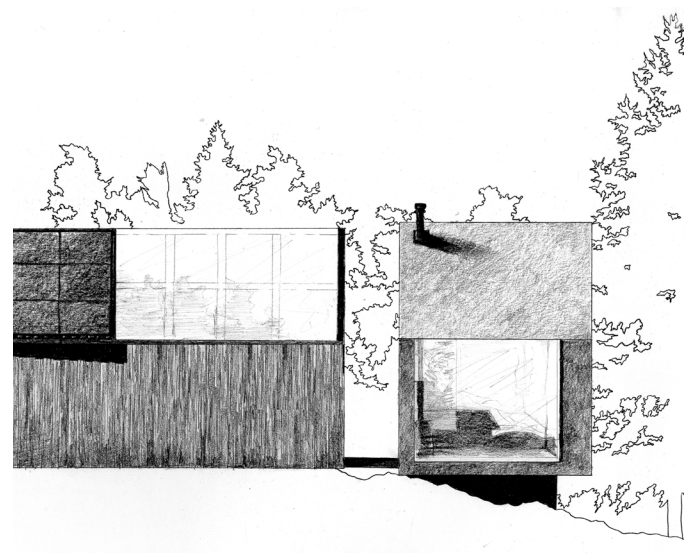
By extracting knowledge from the built environment and case studies, we ground the projects in their local and architectural context. We then strive to reinterpret and rework these acquired presets in order to produce both a sensitive approach and speculative proposals. Architecture for possible futures that takes care of the site, its inhabitants human and non human.



Student work by: Matti Kempainen



Student work by: Maylis Thobois



Student work by: Paulina Nilsson



Student work by: Elsa Brynje

Fall semester student projects on Holmön



Concept models by Felicia Raunås



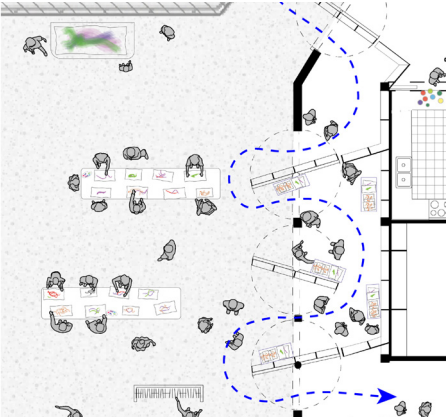
Critical collage by Noelle Pihl



Concept collage by Max Sandström



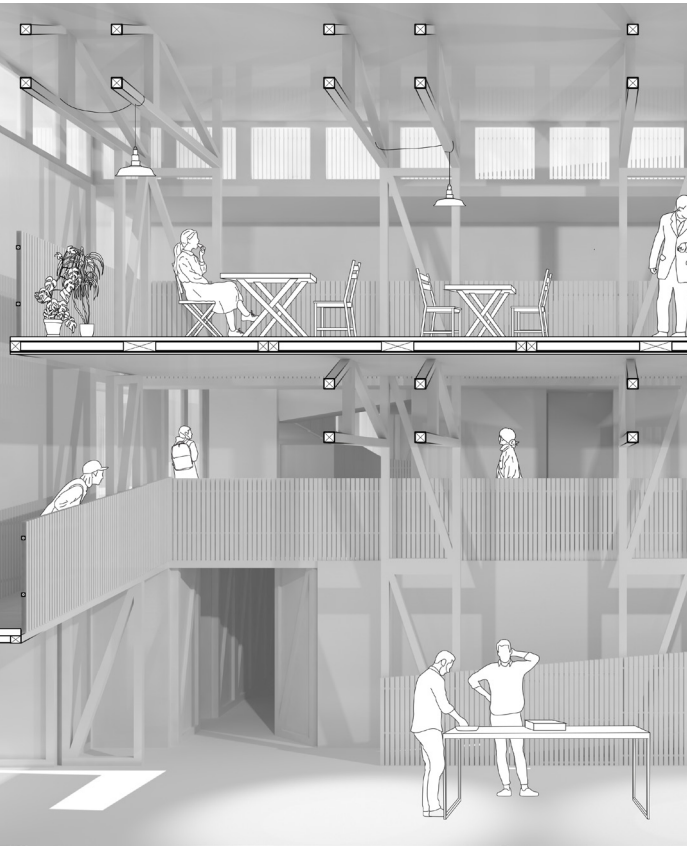
Elderly community center Leva by Silje Sofie Lovise Ildgruben



Tear down this wall. Community center by Cecilia Tandberg



Tvärhuset. A place of consolidation between nature and humans by Irma Bruce



Laga. A workshop/cafe within the city by Adam Sävhlage



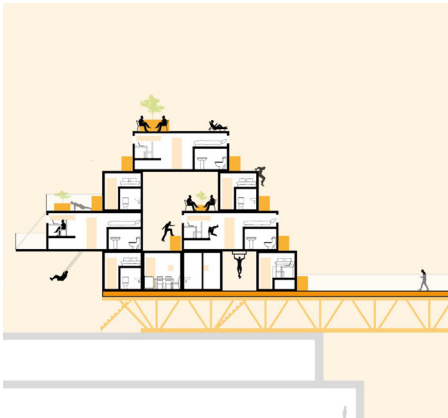
Critical collage by Linnea Jönsson



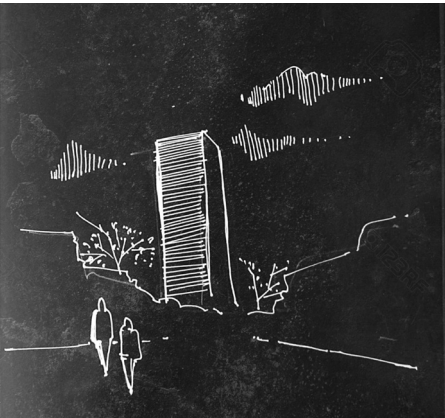
House of books by Fredrika Lindvall



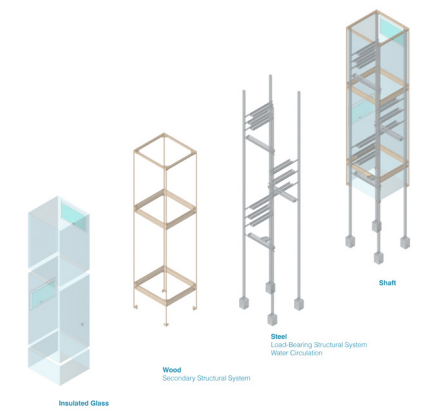
Public intervention by Alva Stenlund



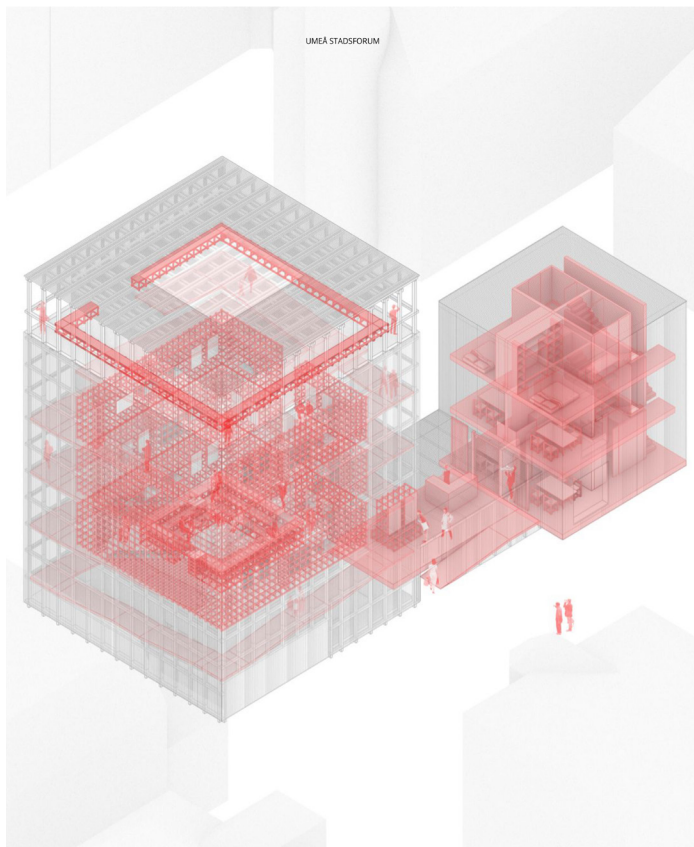
Parkour center by Alexander Stille



Concept sketch by Bhavna Choudhury



Bontemps community center by Henric Adler. Detail.



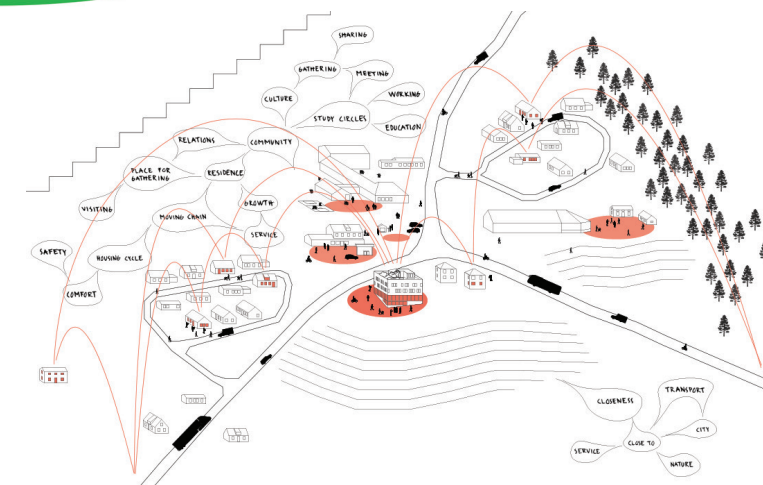
Umeå Stadsforum by Jonas Eltes



Public intervention by Viktor Wahlén Diederichsen



Image and model: Erica Grundström, Johan Jarlestad, Ida Backvid, Scilla Wahlborg, Oscar Magnusson. Photo: Giacomo Ontano



Nordmaling Calling / program development

UMA 2-3, BA Studio 2

Nordmaling Calling

Exploring future alternatives of local resilience

Studio teachers:
Sara Thor
Cornelia Redeker
Maja Hallén
Sergio Montero Bravo

Collaborators:
Madelaine Jakobsson
(Municipality Nordmaling)

External lecturers & guests:
Angelica Åkerman
Luis Berrios Negrón
Masonite Beams
Alexandra Ellis
Moa Björnsson
Petra Henriksson
Ingmar Nyberg
Helen Hörnlund
Jan Åman

Nordmaling Calling looks into alternatives to the urban norm by investigating the rural condition as a context for building resilient communities and circular approaches. We have explored the rural as a place of progress and experimentation with the aim to create frameworks and visions, regenerative systems and new community models as part of a more sustainable common future.

The studio has investigated the rural municipality of Nordmaling south of Umeå. The site provided a forum for discussions around the role and agency of architects as facilitators and collaborators by exploring relevant tools of

communication. Architectural interventions focus on the productive commons to strengthen local resilience and civic and social spaces in a rural context through places for sharing knowledge, resources and experiences.

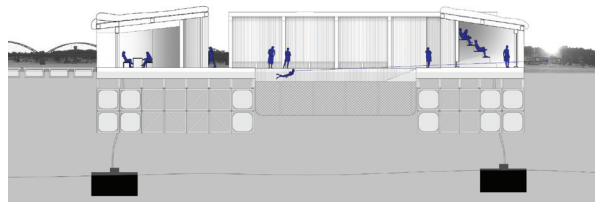
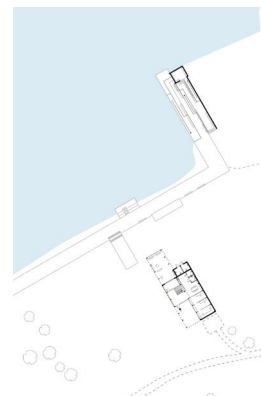
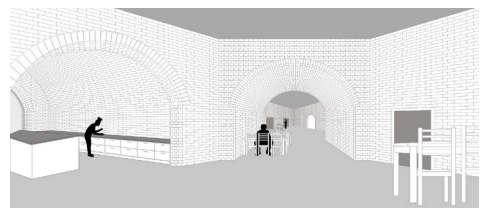
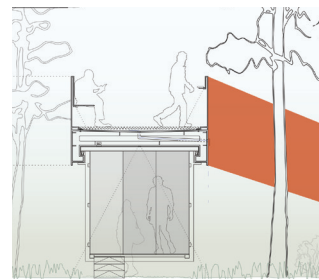
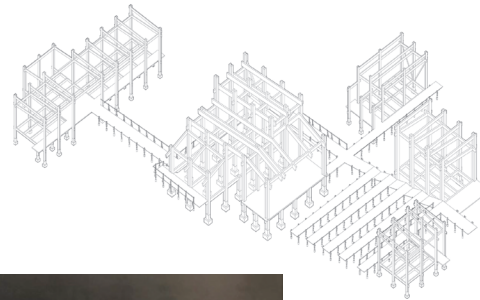
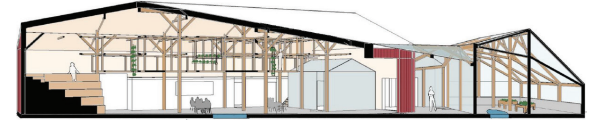
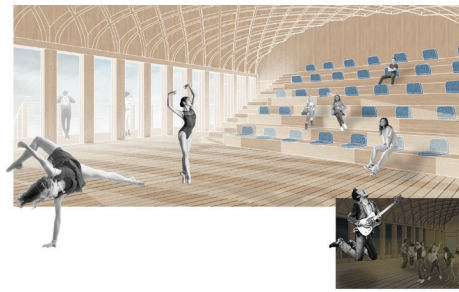
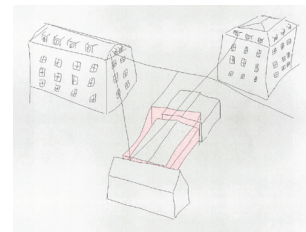
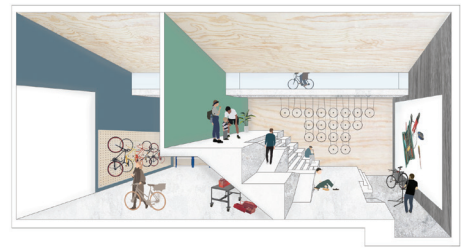
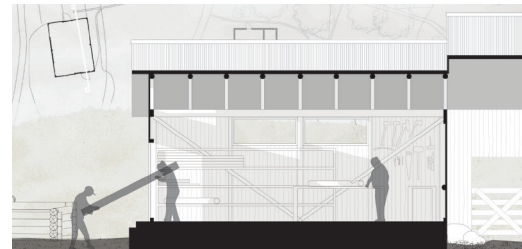
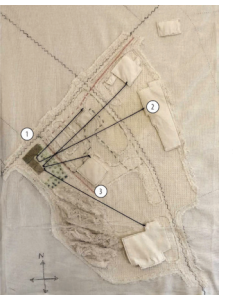
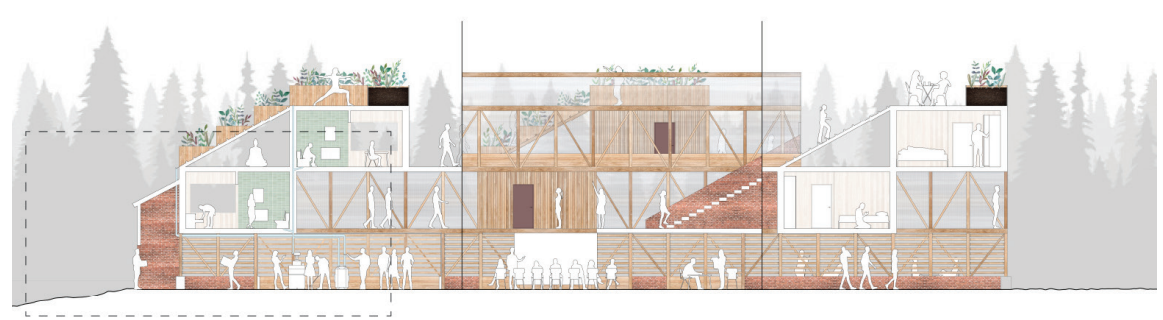
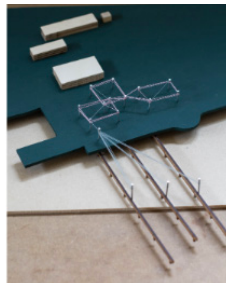
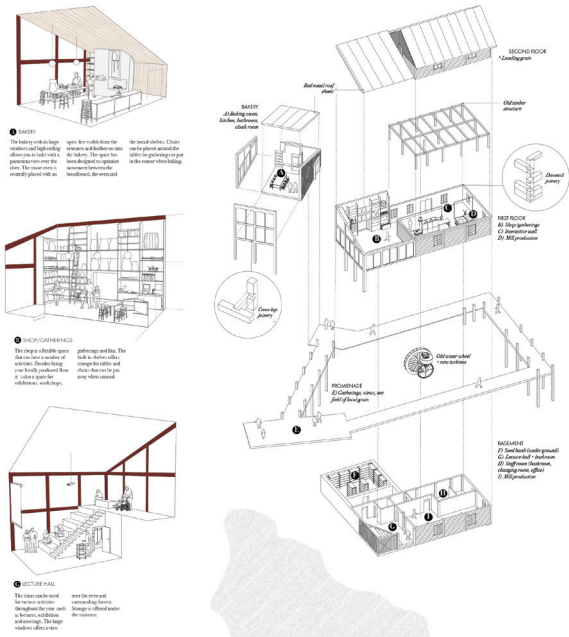
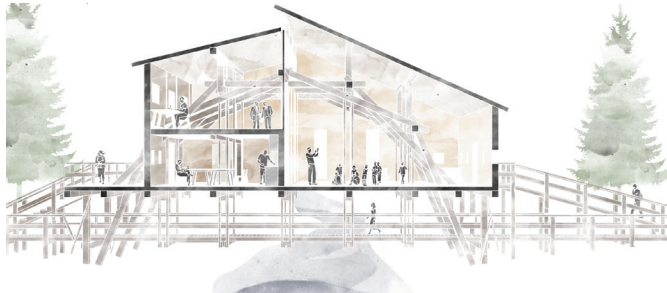
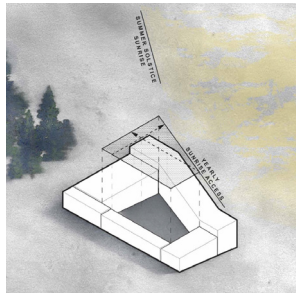
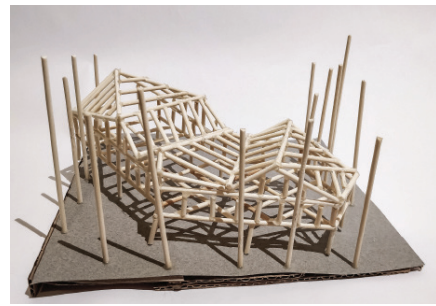
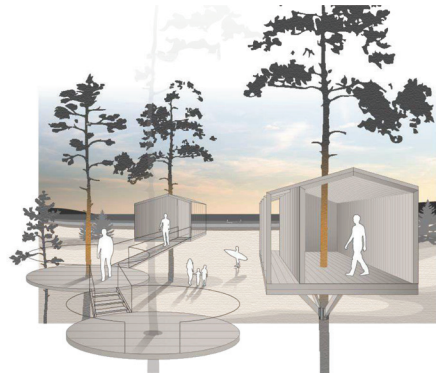
Building on interviews, site visits and case study research, the students developed their own program in response to local needs and the chosen site. Proposals range from co-housing models, shared work spaces, the re-establishment of productive spaces to the introduction of new cultural venues. The multiscale design process spanning from regional concepts to acupunctural interventions included

physical models, the design of key spaces and constructional considerations.

To include inhabitants and enable feedback loops for the different proposals, the studio concluded with a window exhibition in the local library of Nordmaling linked to a digital exhibition with the possibility to comment on the projects here:

<https://www.minabibliotek.se/sv/exhibition/nordmaling-calling>







The physical space: measuring the arms-length distance. Architectural education in times of pandemic.
Image credits: Fredrik Olausson exploration. Photo: Dorna Farrahi

UMA 2-3, BA Studio 3

Un-layering Umeå

Imaginary landscapes for the post-industrial city

Studio teachers:
María Luna Nobile
Tobias Westerlund
Marie Kraft

Guest teachers:
David Ortega
Javier Sanchez Merina

**External lecturers
& guests:**
Joaquín Alvado Bañón
Yiorgos Hadjichristou
Theo Molloy
Lluís J. Liñán
Sálvora Feliz
Stalker

A scientist dissecting a stone - through the lens of a microscope - knows that there is a complexity invisible to the eye. In the same way we, as architects, investigate the layers of a city. Having this in mind, through the tools of architecture, Studio 3 has been un-layering Umeå. In the Fall Semester we have been exploring the city, through three main topics: *Biopower* - understanding the rules of the space; *Tectonics* - learning from the existing structures; *Interaction in dissidence* - imagining an alternative program. Un-layering Umeå revealed the possibilities for these architectures of becoming the scenario of new and inven-

tive practices that generate processes, establishing new relationships between the urban fabric and the inhabitants.

During the Spring Semester we started questioning the role of the architect in times of urgency through a retroactive research on the elements of the city, addressing - through the project - the catalogue of architectures depicting Umeå as a post-industrial city. What can we learn from a challenging year that has been underlining the fragility of the current society? What conditions can we identify in relation to these changes, and what are the opportunities that can be activated in them through architecture?

It has been a journey where the constraint of the pandemic became an opportunity to expand the notion of the classroom, considering the virtual dimension as a new possibility to interweave the individual spaces in the definition of a common place, opening new imaginative and immaterial boundaries to the world, immediately changing the notion of relationships, underlining the value of the notion of community and exchange and reminding us about the importance of the studio to be conceived as a place for experimentation and reflection.



The digital space: exploring diversity, a wunderkammer. Architectural education in times of pandemic.



Student work by: 10.Valentin Wirstad, 11.Mimi Graffman, 12.Eliot Hammarin, 13.Adina Forsberg, 14.Mohammad Mahammad, 15.Elin Wern, 16.Maria Tanl, 17.Edith Tamm, 18.Adina Forsberg, 19.Ebba Landstedt, 20.Ellen Moisie, 21.Daria Anda Senberga, 22.Elvira Nielsen, 23.Cassandra Lundgren, 24.Lovisa Emmoth, 25.Dora Farrahi, 26.Nelly Avelsson, 27.Fredrik Olsson.

The digital space: exploring diversity, a wunderkammer. Architectural education in times of pandemic.



Photo: Robert Mull

UMA 4-5, MA Studio 10

Making the Difference

Architecture for displaced populations

Studio teachers:

Robert Mull
Amalia Katopodis
Sangram Shirke

Collaborators:

Anne O'Rorke
Meltem Gürel
WHIT Consortium
Shareen Elnaschie
Elizabeth Cunningham

External lecturers

& guests:

Kelli Scott
Dolf de Lintelo
Sadaf Khan
Ayselin Yildiz

The refugee crisis is one of the biggest challenges facing global society and with the effects of climate change it will grow in scale and importance. The studio engaged through live projects, working directly with NGOs, refugees, host communities, local institutions and global research clusters, to investigate our personal and collective duties and responsibilities as architects within the field of displacement. The studio adopted the methodology of the Global Free Unit narrowing the gap that often exists between education, research and practice. We were not shy to talk about beauty, poetics and emotions.

Throughout the year our students focused on the boarder condition between Lesvos, Greece - Izmir, Turkey and worked on proposals to house and support Syrian refugees; their cultural identity and personal dignity.

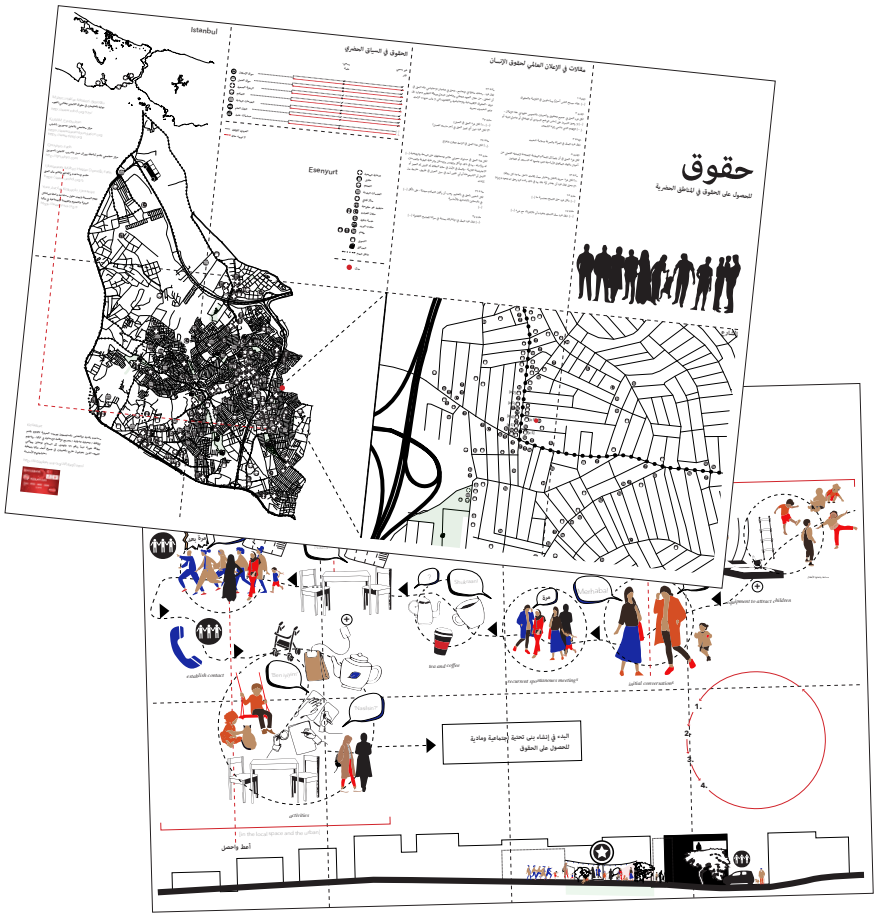
They completed a commission for TIAFI Community Centre in Izmir and signed personal contracts for the year. They established a supporting network of project friends and walked through neighbourhoods together with locals combining digital and experiential mapping techniques, to develop a careful understanding of the context.

They negotiated their individual projects as part of greater urban strategies in collective practice, including students from Yasar University and given the unique opportunity to exhibit their work at TIAFI Community Centre engaging directly in discussions with beneficiaries, researchers and other academics.

The studio work will be exhibited at the 2021 Venice Architecture Biennale as part of the Korean National Pavilion dedicated to models of Future Education. Our hope is that some of these proposals can ultimately be realised.



Student work by: Lisa Bengtsson



Student work by: Gabriela Magnusson



Student work by: Ella Nyström, Maja Bygdén

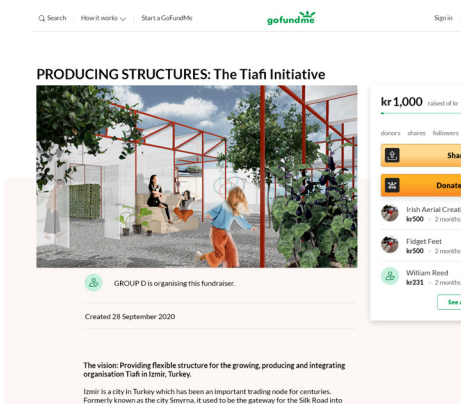
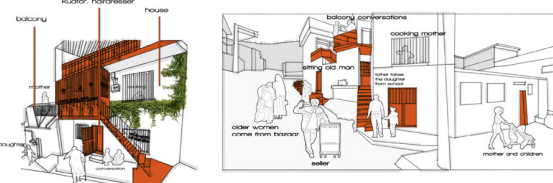
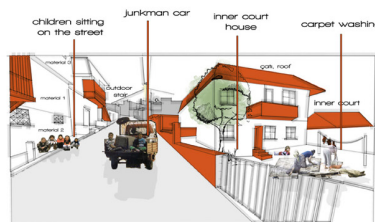
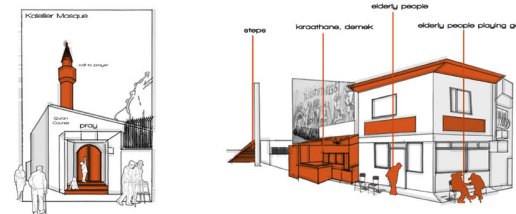
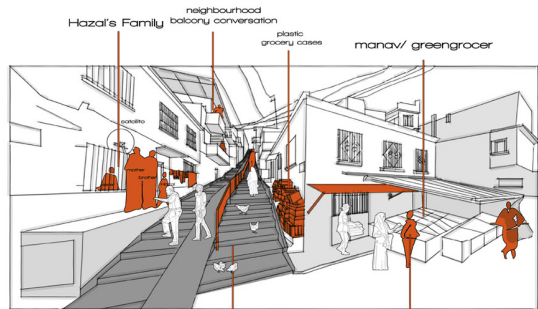
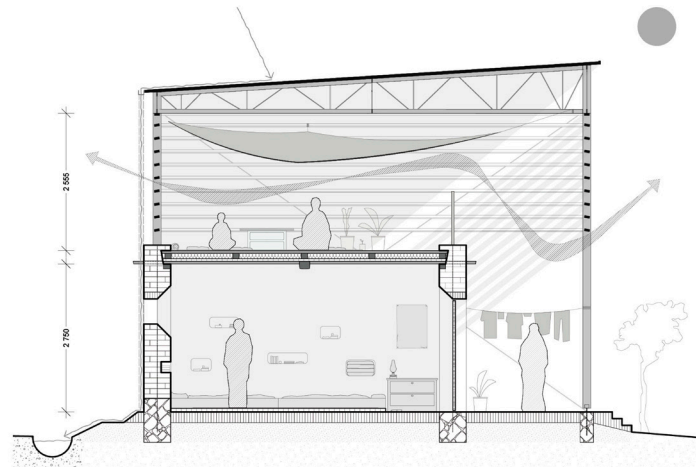


Image: Groupwork UMA 4-5





"How to let your mind wander" Oliver Edrén

UMA 4-5, MA Studio 11

Work in process

Socio-spatial scenarios and architectural experiments

Studio teachers:

Daniel Movilla Vega
Mette Harder
Carla Collevicchio
Lluís J. Liñán
Sálvora Feliz

External guests:

Anders Johansson,
Cameron Overy, furii
architecture, Fala
atelier, GAFPA, Gaia
Crocella, Ines
Weizman, Kalen
McNamara, Lasala
Lasala, Leth & Gori,
Norell/Rodhe, Office
- U67, OUEST, Pedro
Pitarch, Rodrigo Delso,
Pointsupreme,
Samuel Davies,
Tommy Vince, WAI
Think Tank, Yingying
Guan, Yiorgos
Hadjichristou

The most visible form of intervening in the world, architecture emerges from tradition to become an essential vehicle for exploration. The specific techniques of architectural design are a powerful means for experimentation that leads to a spatial, material and social transformation of our environment.

The specific techniques of architectural design are conceived as a powerful means for experimentation. Working with both traditional and nontraditional media—including 1:1 prototypes, material samples, drawings, models, renderings, photographs, collages and films—, year 4 and 5 students explore architectural production as a strategic means to investigate the complex real-

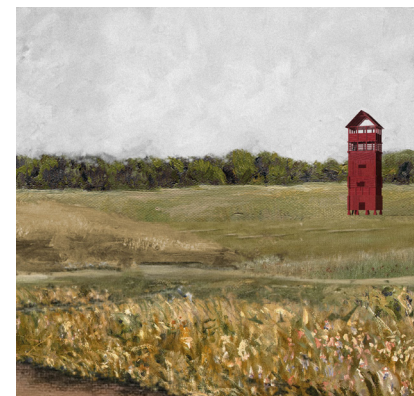
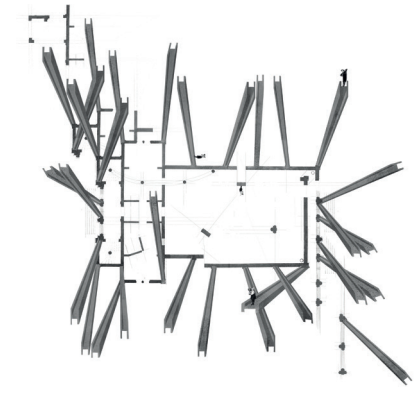
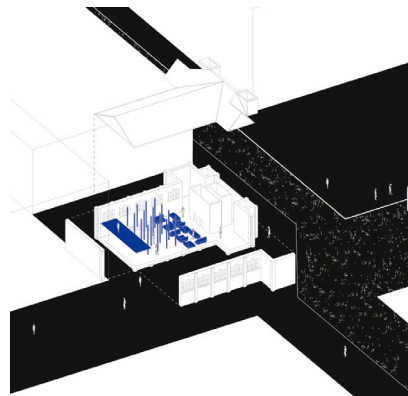
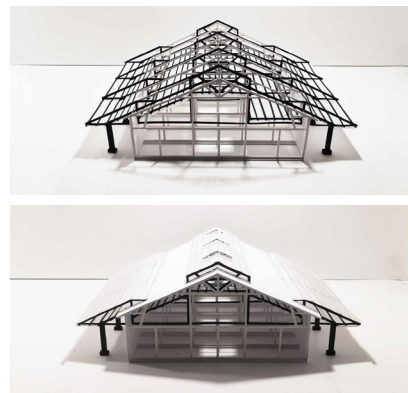
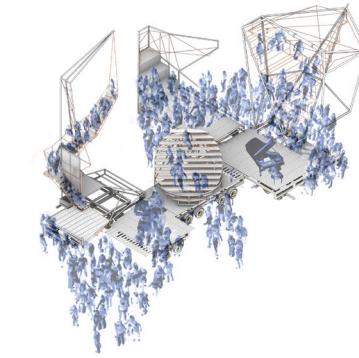
ity of the city of Umeå, engaging issues of self-identity, relationships with others, domesticity, spaces of transition and dissidence, as well as other fundamental questions concerning our role in the world.

As a challenge to normative thinking, Studio 11 has composed an atlas of intense architectural experiments: a constellation of socio-spatial scenarios that defy our assumptions on both the city and the discipline.

Studio 11 projects examine architecture as a site of controversy through the manipulation of existing buildings in Umeå. With the largest population in northern Sweden, the regional capital of Västerbotten County is normally de-

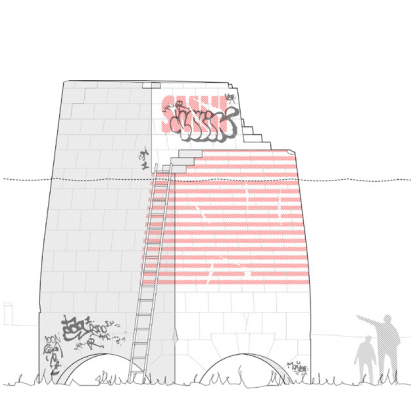
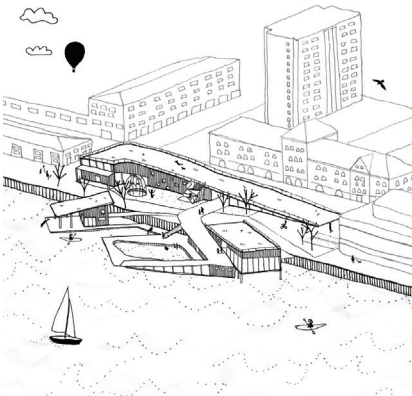
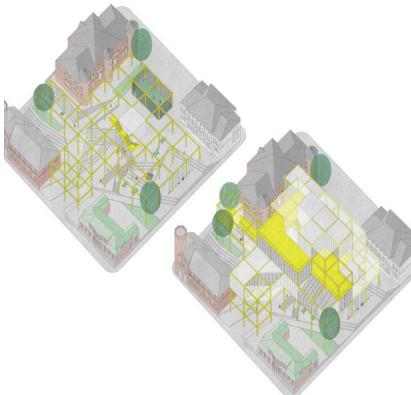
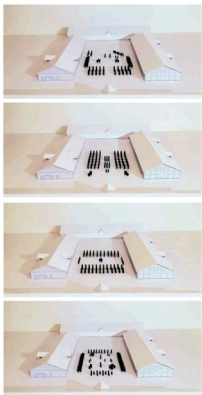
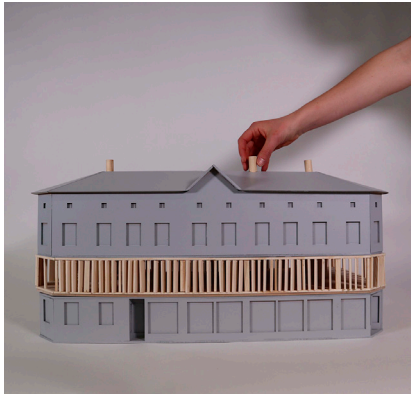
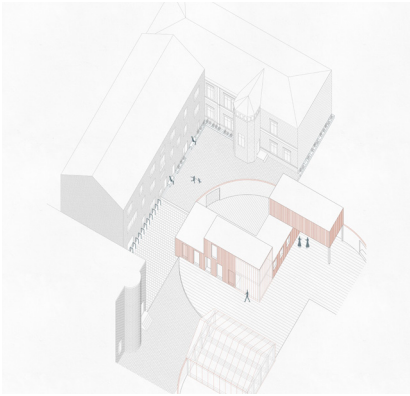
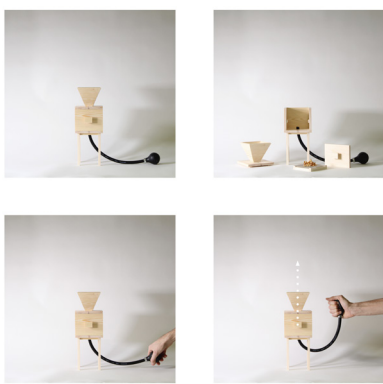
scribed as a benchmark in Swedish education, technical and medical research, and a European reference for culture.

Beyond these highlights and landmarks, however, Umeå hosts a lesser-known landscape of dissident architectures and invisible communities that has provided the students with an opportunity to reassess, and to redefine, the city's heritage.



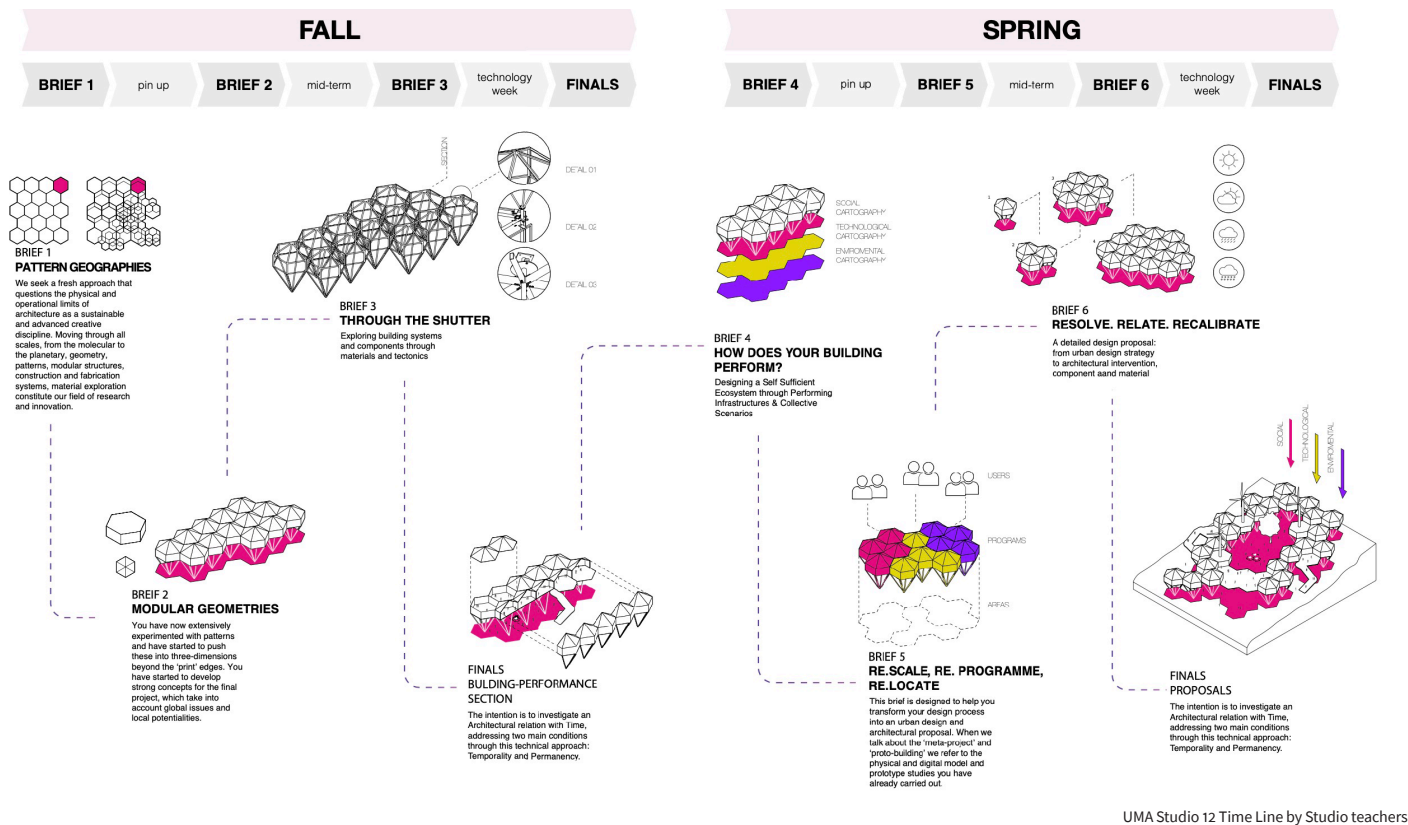
From top left to bottom right: student work by: Navid Ghafouri, Rebecca Lindkvist, Elias Niklasson, Nathalie Bäckström, Anneli Zetterström, Linnea Lundmark, Fanny Vendelson, Linda Lindkvist, Anna Dahlbäck, Hanna Dahlbäck, Martina Karlsson, Emelie Ingemarsson

Architectural Experiments



From top left to bottom right, student work by: Nathalie Bäckström, Anna Dahlbäck, Oliver Edrén, Linnea Korpi, Emilie-Soleil Caes, Anneli Zetterström, Dennis Sundqvist, Fanny Vendelsson, Mikael Parkman, Linda Lindkvist, Felicia Ljung, Vide Edenor

From top left to bottom right, student work by: Dennis Sundqvist, Martina Karlsson, Oliver Edrén, Anna Dahlbäck, Dennis Sundqvist, Jan Furche, Hanna Dahlbäck, Sonja Lindgren, Linnea Lundmark, Mikael Parkman



UMA 4-5, MA Studio 12

Tectonic Performance

The Science and Craft of Building

Studio teachers:
Alejandro Haiek
Carl-Johan Vesterlund
Xenia Adjoubei
Ana Betancour

Additional support:
Håkan Hansson
Kent Brodin

Collaborators:
Anders Jansson
Ambra Trotto
Jeroen Peeters
Masonite Beams
Martinsons

External lecturers & guests:
Alejandra Diaz
Rocío Pina
Matthew Butcher
Carla Juaçaba

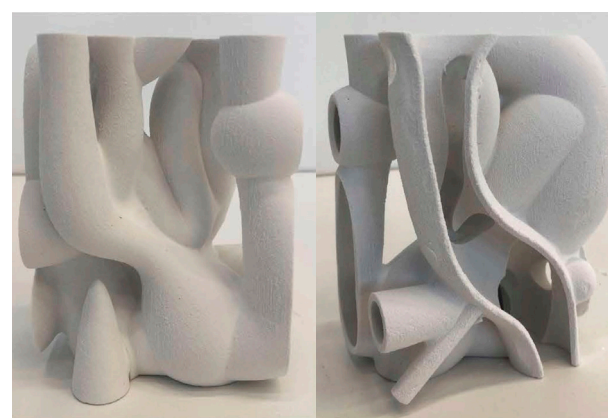
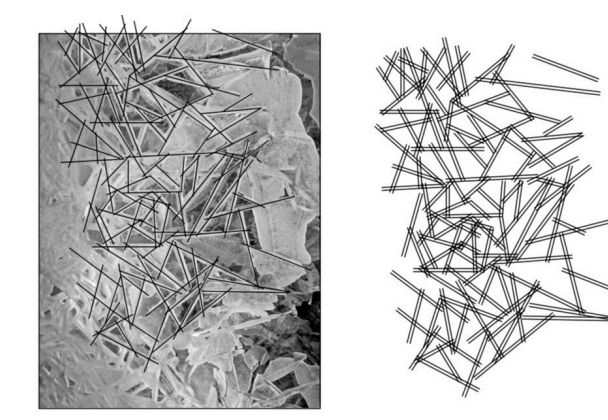
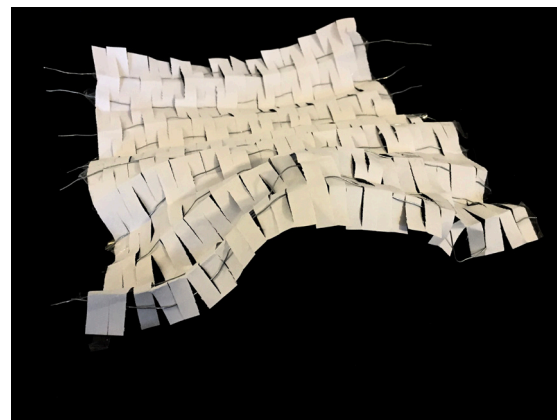
Studio 12, Tectonic Performance: The Science and Craft of Building pushes the performance of architecture to hard-working social landscapes, ecological infrastructures, platforms for new labour economies and material innovation, which through crafting and scientific methods can invent new hybrid conditions and experiences in the built environment.

Planetary // Molecular. The studio starts by analysing pattern geographies: territories, ecologies, industries and regional inhabitation, continuing to draw and model how they affect architecture and spatial design from the molecular to the planetary scale.

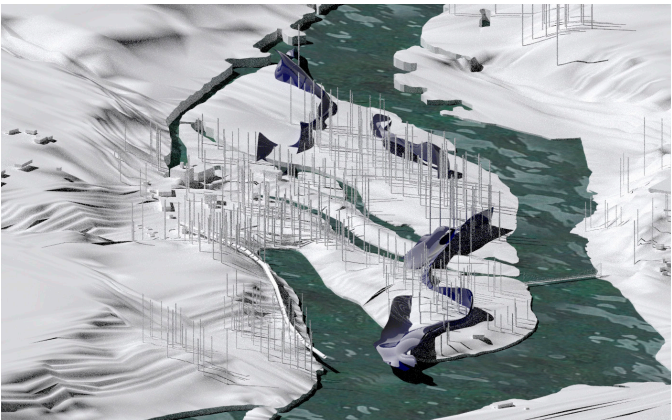
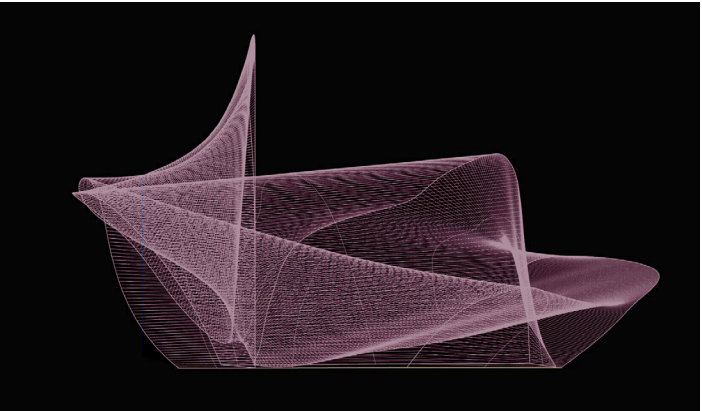
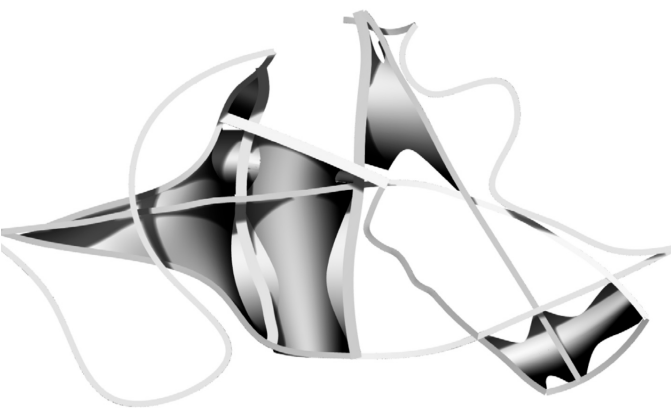
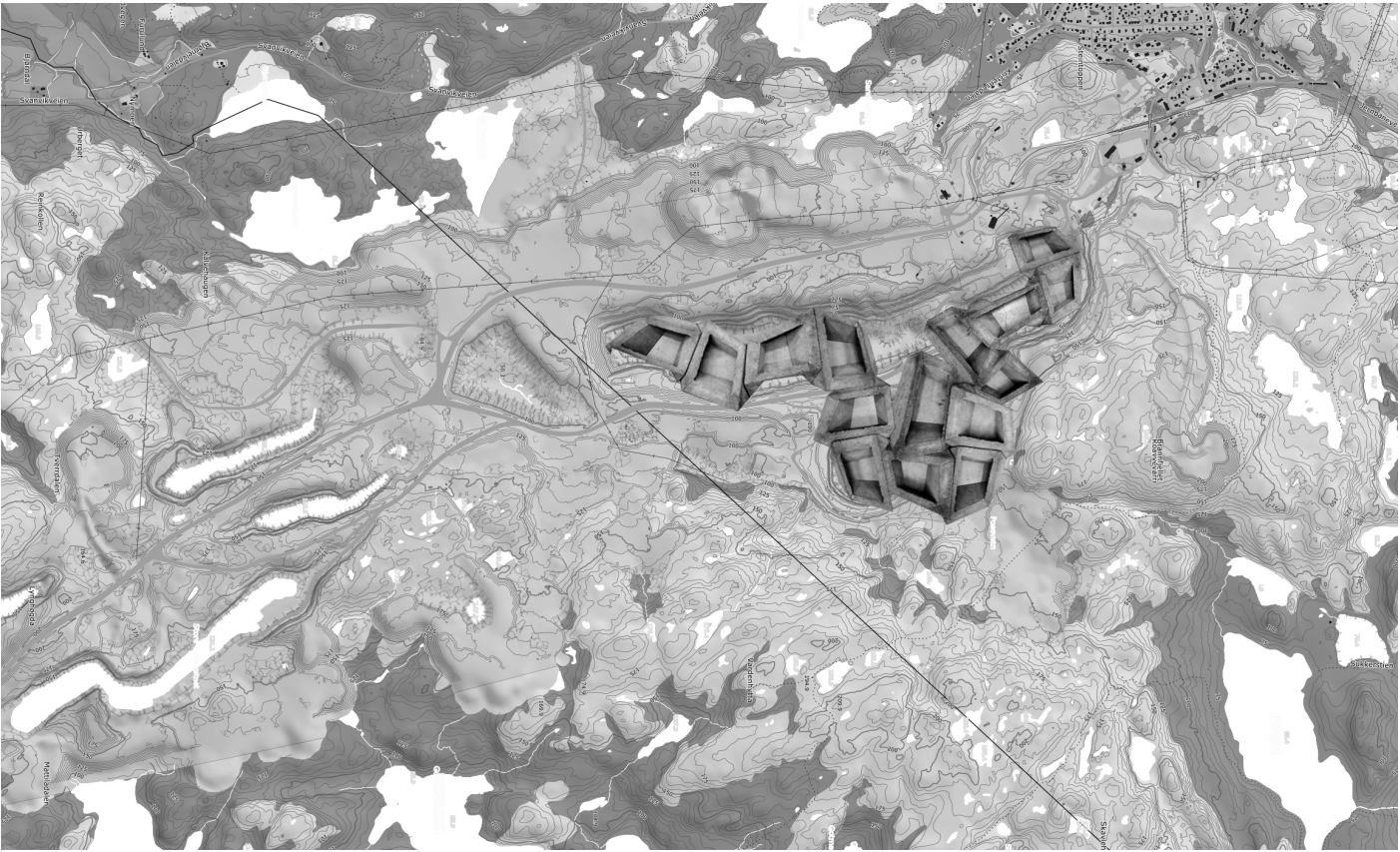
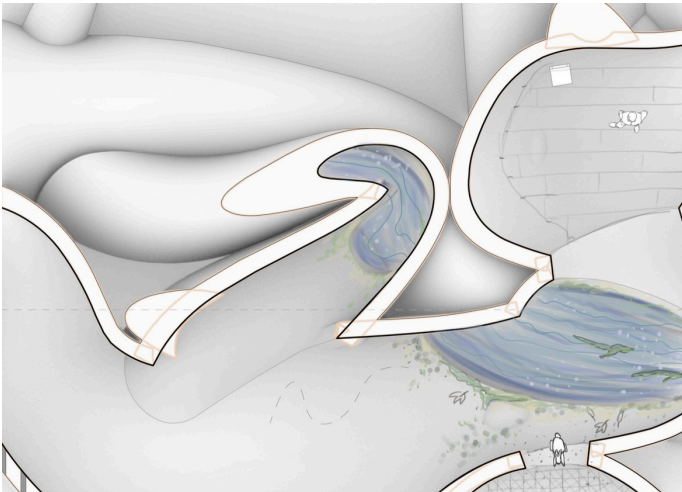
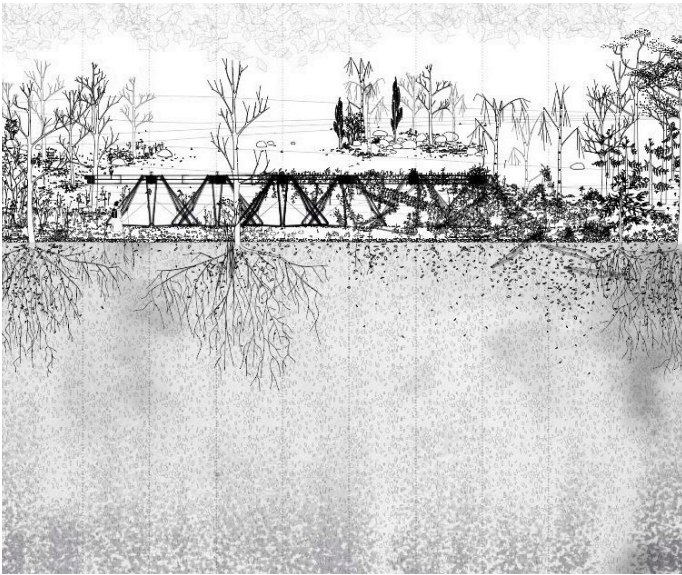
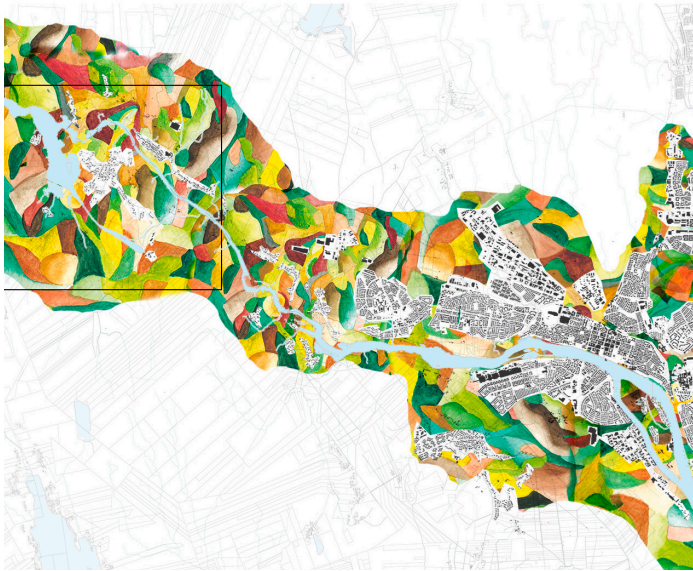
Analogue // Digital. The Studio operates as a research platform combining digital design, open source technologies with traditional building techniques, local environmental and material knowledge to show anticipated futures based on historical antecedents.

Supportive Infrastructures // Pattern Logics. Students generate architectural and territorial design proposals which explore the geometries implicit in patterns at many scales, from material exploration, constructive components, fabrication logistics to supportive infrastructures and regional visions.

Studio 12 seeks to explore the performance of buildings by investigating material behaviors, building science and environmental impacts. Through a continuous dialogue between artistic production and technical expertise, the studio develops a holistic comprehension of the science and craft of building. The studio agenda developed new architectural languages, formwork production and alternative constructions methods exploring tectonic expressions with particular attention on understanding how buildings perform.



Student work by: Linnea Rudholm, Carolina Sandström, Samuel Grönlund, Karina Gataullina, Julia Herbert, Linda Brokmar, Olof Run Aradottir



Student work by: Julia Herbert, Hana Osman, Pétur Stefánsson, Viktor Lindström, Linda Brokmar, Olof Amadóttir, Stien Kestens, Nicole Parsi, Sara Rundblad

UMA 1-3, Supporting studies

Theory of Architecture

Rather than confirm existing identities and conventions, we believe architecture can be most effective when it allows us to become something else by imagining and fabricating alternative models of interaction towards a better future. In that sense architecture is one of the most powerful creative disciplines of world-making available.

Teachers UMA 1:
Tonia Carless
Esperanza Campaña
Richard Conway
Marie Kraft

Teachers UMA 2:
Tonia Carless
Roemer van Toorn

Teachers UMA 3:
Tonia Carless
Roemer van Toorn

**External lecturers
& guests:**
Sophia Banou
paula roush

UMA 1
In term one the students asked: What is Architecture? They understood this through theories of the body in space, considered modernity and its discontents, and what a museum can be about. They questioned the role of the architect as a public intellectual, supported by readings of Edward Said. In term two they explored compositional theory and the representation of landscape, home and the city and considered the radical contemporary shifts in understandings of these in a global pandemic. Students worked on theory through the practice of making diagrams, models, maps and walking as spatial and representational practices. Discursive space developed through group discussion and collage. The students used a range of interdisciplinary sources, of video, photography and texts and were introduced to the theories of Rebecca Solnit, George Perec, Zygmunt Bauman and more. The students produced snow models with mapped terrains, writing short essays on their modes of representation. They made diagrams of their everyday use of domestic space and compared these with other examples of housing, combining these with thoughts on the new hybrid space of home/work. They studied the wider context of the house in the city, using different densities and global locations to consider possible futures in both digital and real city space.

UMA 2
In this second-year course we investigated how architecture as apparatus, through its models and rules towards a future society creates worlds. Architecture's little secret is its utopian spirit, bringing change to an existing condition. This second-year architecture theory program dwells upon this notion of worldmaking. The first term addresses 'The Idea and Practice of Futurity. Architecture, Utopia and Dystopia in the Historical and Contemporary City.' Through lectures, presentations and reading courses, and writing assignment around the book "Complexity and Contradiction in Architecture" by Robert Venturi, ideas and models of world-making are analysed and discussed. In looking at the transformations undergone by the subject, the architecture theory of the second term, entitled "The status of humanity and its objects. The Emergence of the Post-human under influence of technology and its implications for architecture and the city," investigated and traced the mutation of the modern subject into a 'post-human' subject. The human construct has undergone throughout history more than purely theoretical and philosophical issues, they also touch upon every day, experiential, spatial and aesthetic dimensions of reality. Via an analysis of different readings, presentations were made, and engaging conversations were initiated.

UMA 3
As the philosopher Alain Badiou has remarked we need a new beginning, another framework for civil society. Socialism Failed. Capitalism is Bankrupt. As architects - if we consider our role to be one serving the public good, creating better worlds, its urgent to imagine how we as architects can contribute to making planet earth a more sustainable place. How can a model of extreme privatization, inequality, waste, and exclusion, be surpassed within our global world of interconnected megacities, the human and non-human and its complex hinterland? This was one of the leading questions addressed in this course. The first term was all about mapping 'Architecture Urban Complex Systems' and how different architecture approaches, through their own zone of competence (forms of expression, forms of content), created and do make worlds happen. Its course consisted of readings, lectures and conversations. The second term tapped into 'Approaches of World-making' asking each student to write and visualize their own Manifestoes, and supported the students to develop, write and visualize their own individual manifest and approach, helping them to ground and built their Bachelor thesis project with the help of lectures, reading and supporting seminars, with specially invited guest lecturers and workshops by Sophia Banou and paula roush.

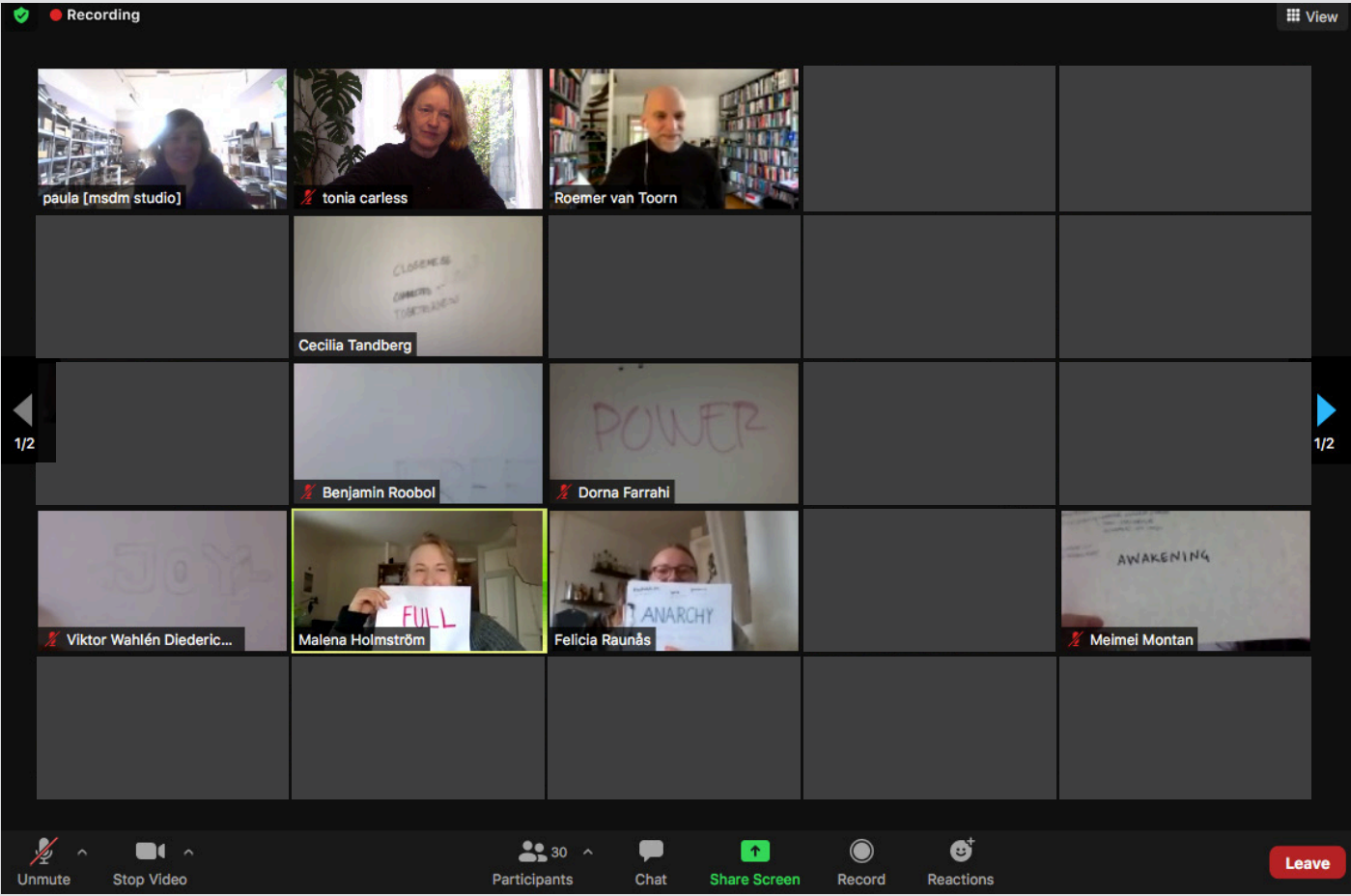
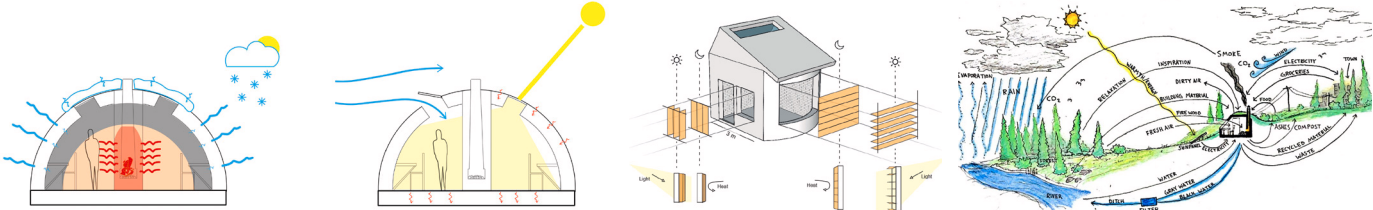


Image: A word to manifest the wish fulfilled. Workshop with msdm studios paula roush, London.

UMA 2: Bioclimatic strategies

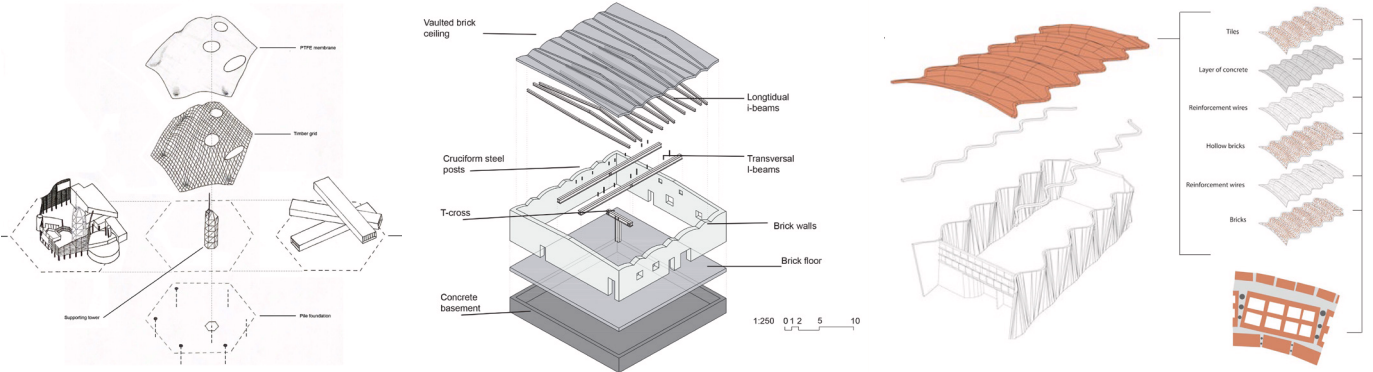


Johan Frank, Era Rogova, Adam Sävhave, Sofia Öhman

Axel Gillblad, Nathalie Svahn, Valentin Strohkirch

Karin Aspengren, Edvin Högberg, Maria Tani

UMA2 Case Studies: Structure and components



Henric Adler, Elina Martinsson, Alexandra Skyllberg, Malin Öster. Study Case: Centre Pompidou-Metz by Shigeru Ban

Eliot Hammarin, Lulu Jouneh, Anna Nordlander, Darta Senberga. Study Case: Sankt Petri Church in Klippan by Sigurd Lewerentz

Adina Forsberg, Erica Grundström, Jacob Holm, Matti Kempainen. Study Case: Church in Estación Atlántida by Eladio Dieste

UMA 2, 4, 5, Supporting studies

Technology

Teaching team:
Jaime Montes
Ana Betancour
Markus Aerni
Tobias Westerlund

External lecturers & guests:
Almudena Fúster
Charlota Berggren
Varis Bockalders
Ricardo Atienza
Thomas Olofsson
Rodrigo Muro
Raphaël Le Gall
Lasse Lind
Maria Block
John Helmfridsson
Laura Vidje
Itai Danielski
Mauritz Glaumann
Andreas Falk

The point of departure for the Technology and Environmental Impact courses is that they approach the subject area as an intrinsic part of the architectural and spatial design. The courses underpin the progression through both the Bachelor and Masters Programme structured around core notions, concepts, and strategies, focussing on Sustainable Architecture.

The aim is to provide an understanding and knowledge of technology as a design tool. Students learn how to apply theoretical knowledge into practice, exploring ways to generate a strategy driven design with a holistic understanding of the impact of the environment in Architecture.

In these pages is shown the progression of the Technology courses from

second to fifth year. In the second year courses study bioclimatic architecture, the envelope, and the structure from its material qualities and spatial implications.

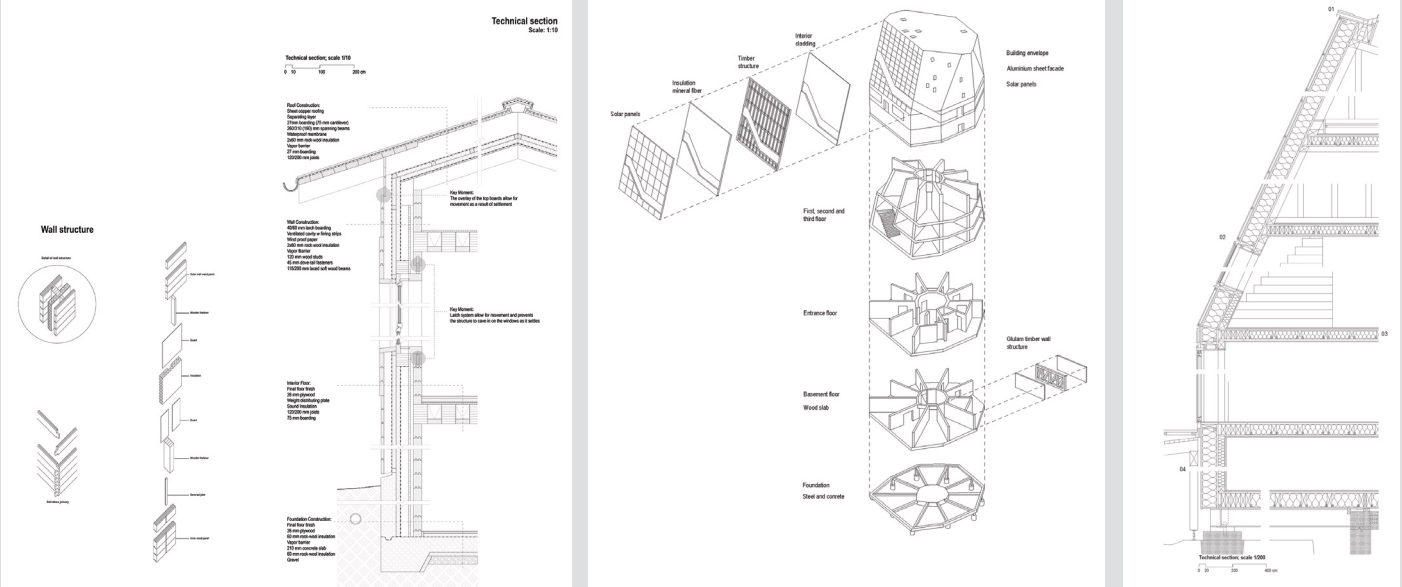
In the fourth-year, principles and strategies are further organised around five core notions: Setting, Comfort, Spatial Structure, Building Envelope and Environmental Impact. These notions are explored as generators for design, structural strategies and their communication through technical drawing. In the fifth-year students carry on investigations and prototypes towards the master thesis, widening their perspective on sustainability.

An important part of the successful integration and progression of the Technology courses is the ongoing col-

laboration with external professionals, experts in specific fields of structures, energy, materials, light, sound, impact assessment, building services, circular building. A process established over many years through invited lectures, seminars, and with direct interaction with the students.

The methodology, based in collaboration and continuous discussion, connects the input from lectures, tutorials and course bibliography with the exercises: case studies to research, learn and understand; and the application of the learning in the Architectural project.

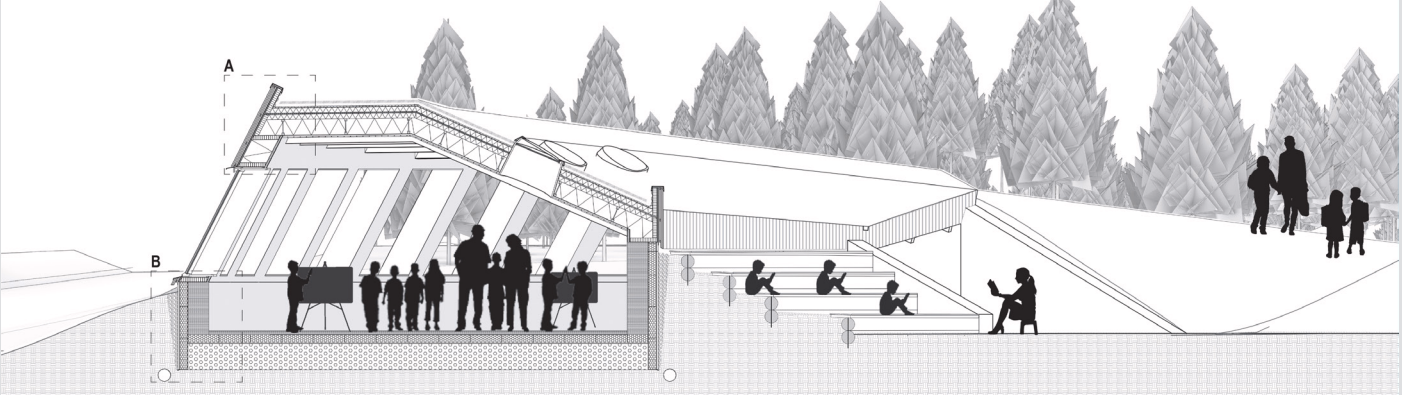
UMA 4 Case Studies: Focus timber



Hanna Fransman, Martina Karlsson, Viktor Lindström, César Velando. Study Case: School in Sant Peter by Conradin Cabout

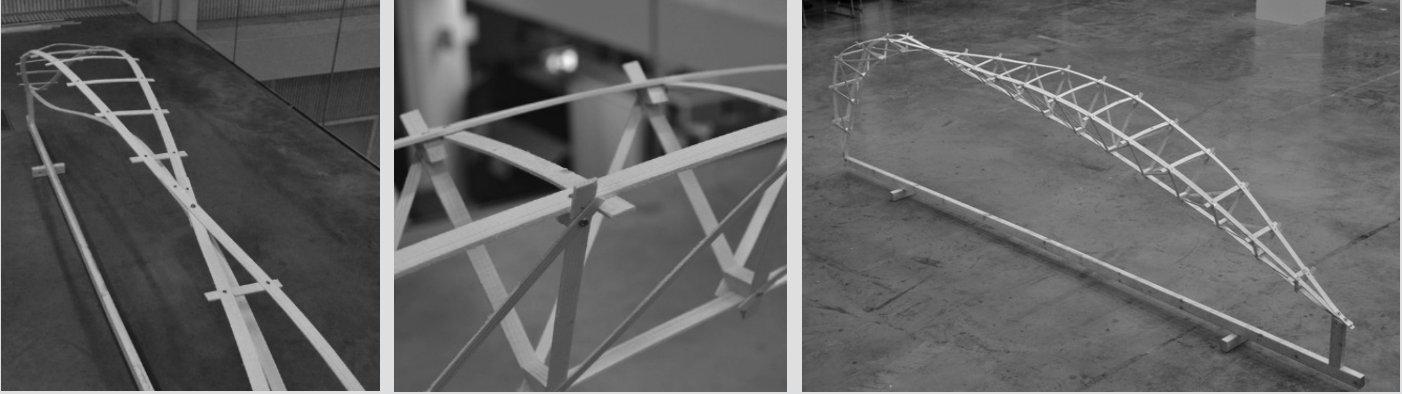
Nathalie Bäckström, Arvid Matton, Ida Lindeberg, Hannah Ulhamre. Study Case: Monte Rosa Hut by Bearth & Deplazes

UMA 4 Project Resolution: Deep section and sustainability goals



Student work by: Malin Gyll

UMA 5 Applied Research: Prototype



Student work by: Petter Henfridsson

History of Architecture

UMA 1-3 Supporting Studies

Teachers UMA 1:
James Benedict Brown
María Fernanda Jaua

Teachers UMA 2:
James Benedict Brown
Ana Betancour
María Fernanda Jaua
Jaime Montes Bentura

Teachers UMA 3:
James Benedict Brown
María Fernanda Jaua

**External lecturers
& guests:**
Bo Tang
Ashraf Salama
Yiping Dong

In a year in which the pandemic forced some of our horizons to narrow, the History courses at UMA adopted a renewed agenda of internationalisation. With our teachers in Umeå, Stockholm and Barcelona and guests joining us from Glasgow, London, and Beijing, this year we have re-focused our efforts to provide a critical historical understanding of how buildings and cities are shaped.

Our courses have a deliberate counter-chronological structure, starting with a foundation in the twentieth century before we examine the deeper past. Under the guidance of Dr María Fernanda Jaua, our first-year courses provide a broad cultural introduction to architectural modernism and postmodernism, from the start of the industrial

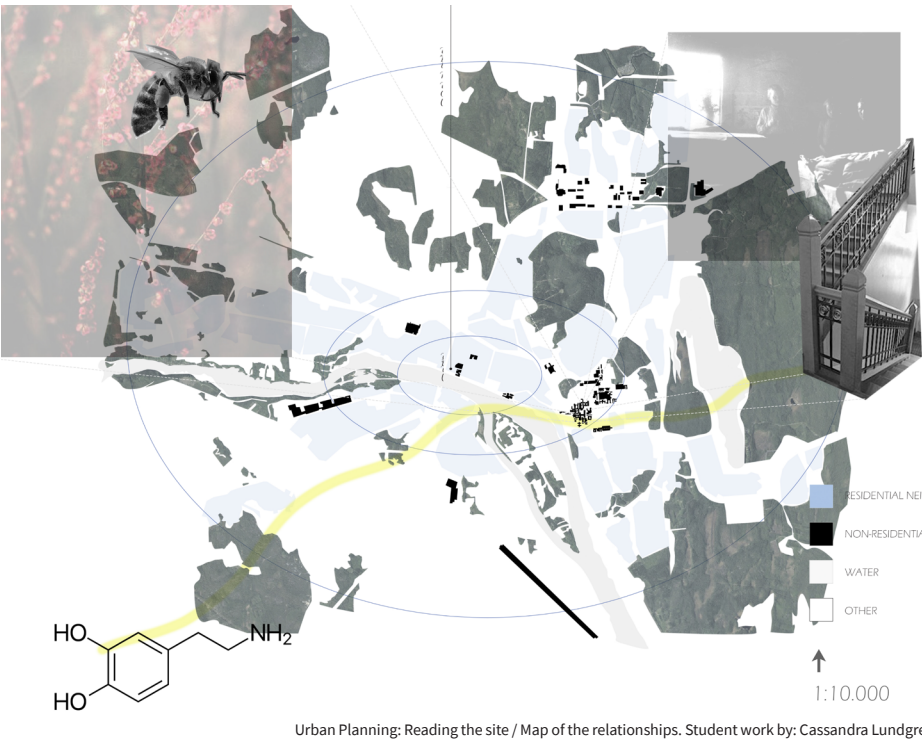
revolution in Europe until the turn of the twenty-first century.

In the second year, Dr. Brown flips the chronology and begins a broad overview of architectural history from early civilisations until the industrial revolution. New for this year, we have attempted to explore how the omissions and biases of our most widely read architectural histories can be understood through an appreciation of the work of non-western architects and writers. New case study buildings in Africa, Asia and South America have been added to our courses, and new texts by non-western authors are populating our reading lists.

This agenda was further developed by Prof. Betancour’s subsequent course, which explored the history of

public space, exploring how power is mediated and represented in public space, giving students a historical understanding of how we can learn from other approaches to discussing and writing about the city.

In the third year and the final course, our capstone course introduced students to the historical transformations of megacities. Capitalizing on our new digital globality, we enjoyed the contributions of distinguished academic guests who brought non-western perspectives to our understanding of the development of megacities in Africa, Asia and the Middle East.



UMA 4-5, Supporting studies

Theory, History & Professional Studies

UMA 2-3 Supporting Studies

**Urban Planning 1
Course teachers:**
Marie Kraft,
Maria Luna Nobile,
Jaime Montes Bentura,
Cornelia Redeker

**Urban Planning 2
Course teachers:**
Marie Kraft,
Maria Luna Nobile,
Jaime Montes Bentura

**External lecturers
& guests:**
Giuseppe Parità
Jonas E. Andersson
Maria Cerreta
Giulia Fiocca
Lorenzo Romito
UOU Project network

The Urban Planning Supporting Studies Courses in Year 2 and 3 deals with planning for architects on a basic level. Cities and urban space are the result of a complex and on-going process where visionary planning strategies interact with spontaneous and informal use. To understand that process we address urban change from an interdisciplinary perspective where economical, technological, morphological, political, legal and social aspects are intertwined. Urban life is created by the encounter between materiality, social relations and time. We look at the city and its relation to its environment on different scales; the local, the regional, the national and the global. We examine private and public ownership but also individual and collective uses of

urban space. To plan the city of tomorrow, we question the city of today. While the course in Year 2 “Planning strategies and tactical transformations” introduces official principles of planning, it continues to address how to plan for the unplanned city to take place. The aim is to present a large view on urban planning through lectures, seminars and a city walk with the conclusions brought into the students’ studio project work. To understand urban contexts, it is also necessary to consider how cities are under continuous transformation in relation to plans, ideas, desires and everyday life. Therefore, the course in Year 3 “Cities between specificities and the Commons” explores methods and techniques to investigate, document and understand

urban contexts. Mapping methods, physical, political, and social context investigations, multidisciplinary and creative approaches, archive searching, readings, experiments, visual documentation and art forms are explored. This Year the Urban Planning 2 course has been held in collaboration with the UOU – University of Universities Project, a network of 22 European Universities and with the Department of Urban Studies of Malmö University. The aim of UOU is to collaborate within short workshops of two weeks each one on a specific topic. The workshop proposed in the framework of this course has been on “Commons”, the results have been collected in a digital ATLAS and selected projects have been published in the UOU Scientific Journal.

Course teachers:
Andy Belfield
Tom Dobson

**External lecturers
& guests:**
Annika Bindler
Lillemor Lyrén
Hester Buck
Jonas Westman
Staffan Schartner
Nina Bäckström

Theory and History of Architecture

As architects we can no longer deny the politics of our work, each of our decisions affects society and the planet. As such this course aims to help students develop a critical understanding of the built environment and our role as architects within it. The aim of the History and Theory course is two-fold, first to engage students with a base understanding of theoretical concepts in relation to the built environment. Secondly it is about adequately equipping students to carry out rigorous research and draw their own conclusions. One of the core aims is to bridge this gap between theory and practice and hence students are expected to translate theoretical ideas into spatial designs within the synthesis course. This year the

course studied a number of key themes in response to current architectural affairs and city making - politics, globalisation, neoliberalism, the right to the city, commons, gentrification, gender, race, ecology and agency. By looking at the city through each of these lenses students developed a critical understanding of the built environment and then could position their own work in relation with it.

Professional Studies

Architects are faced with the dual challenge to work to better society whilst having to consider our impact on the environment, economy and every day lives. This course is designed to give students an introduction to some of the realities, which will face them when

they begin practicing architecture after leaving university.

Students use their own design project as case studies and explore how buildings designed in the synthesis course could be procured and built in the real world. Through workshops, lectures and practice visits with local architects students gain a knowledge of basic legal, occupational and statutory spheres of responsibility, as well as critically reflecting on the regulatory, financial and professional mechanisms. The course emphasizes how creatively engaging with these realities can lead to innovative solutions for the industry creating a new knowledge base with which students can define what architectural practice should look like in the future.

UMA Events 20/21



Studio 2 Exhibition in Nordmaling Library 4/6 – 20/8

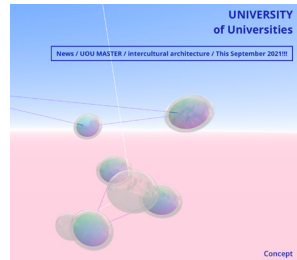
An exhibition displaying a number of projects from Studio 2 working with different villages around the municipality. The whole exhibition can be seen from the outside through the library windows. The projects are dealing with topics related to future visions for rural development with focus on local production, housing, social infrastructure and knowledge sharing.

Read more:
<https://www.minabibliotek.se/sv/exhibition/nordmaling-calling>



Studio 10 Exhibition in Izmir, Turkey

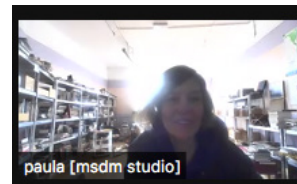
Exhibition hosted by the TIAFI Community Center in Izmir Turkey of the work produced by MA level students in Studio 10: Making the Difference, in collaboration with Yasar University and the Institute of Development Studies, UK. Students received critical feedback and engaged in discussions with beneficiaries on their proposals for housing and community projects for displaced populations in Basmane and the farm camps of Torbali.



News: UMA member of the UOU Project

Since the Fall 2020 UMA is member of University of Universities, a network of 22 European Universities that includes a coordinated team of 28 international teachers and researchers. The aim is to expand their classrooms by understanding the space for learning architecture through an intercultural exchange on the discipline both in the education and in research.

Read more:
<https://uou.ua.es>



UMA 3 Theory course: Workshop with paula roush (MSDM)

paula roush from MSDM London ran a book building manifesto workshop, introducing her collaborative practice and nomadic project space. She encouraged the students to develop manifesto as both theme and medium, as a dual materiality of text and image, to use the book as a tool for direct self-expression.



“on Hold“ UMAN Magazine Release 2021-03-12

UMAN Magazine is a student run thinktank and platform for exploring different topics, hoping to create discussions and debates both within and outside the architecture community. The 7th edition of the magazine, titled “on Hold”, departed from stories of a strange year of isolation, gathering some of the materials produced along with reflections and thoughts on the challenges as well as the ideas that has sprung from limitations and digital togetherness.

Editorial team 2020/2021: Pia Palo, Meimei Montan, Elsa Brynje, Linn Appelgren & Jonas Eltes

Read more: <https://uman-magazine.wixsite.com/uman-mag>
<https://www.facebook.com/UMANMAG>

UMA Research Seminars on Architecture 2020/21

RS 01-02. Research profiles
Participants: Alejandro Haiek, Daniel Movilla Vega, Esperanza Campaña, James Benedict Brown, Maria Luna Nobile, Mette Harder, Roemer van Toorn, Toms Kokins

RS 03. The Swedish funding system
Speakers: Bodil Formark, Johanna Gardeström

RS 04. The Norwegian register for scientific journals, series and publishers
Speaker: Kristin Gåsemyr

RS 05. International Research: UOU Project [University of Universities] and EURAU [European Research in architecture and Urbanism]
Organisers: Maria Luna Nobile, Marie Kraft, Jaime Montes
Guests: Javier Sánchez Merina, Joaquín Alvado

RS 06. Intersectional mapping methodologies as research tools in design for the climate emergency
Organisers: Alejandro Haiek, Xenia Adjoubei
Guests: Ambra Trotto, Jeroen Peeters

RS 07. Architectural thinking in a time of climate emergency
Organiser: James Benedict Brown
Guests: Carmen Cristescu, Kiel Moe

RS 08. Education that guarantees change
Organisers: Alejandro Haiek, Xenia Adjoubei
Guest: Anders Jansson

RS 09. Research methods in housing architecture
Organiser: Daniel Movilla Vega
Guests: Ola Nylander, Kaj Granath, Paula Femenias, Erik Stenberg, Per-Johan Dahl, Marta Caldeira

RS 10. Displacement
Organisers: Marie Kraft, Maria Luna Nobile
Guests: Namik Mackic, Giulia Fiocca and Lorenzo Romito

RS 11. Common landscapes. Research in architecture and urban design across disciplines.
Organiser: Maria Luna Nobile.
Guests: Yiorgos Hadjichristou, Giorgia Aquilar

RS 12. Housing research. Academic structures and future trends
Organisers: Daniel Movilla Vega, Esperanza Campaña
Guests: Marie Glaser, Nelson Mota

RS 13. Designing cycles at 64°. Interior landscapes and the energy-water-food nexus in northern climates
Organisers: Cornelia Redeker, Sara Thor
Guests: Rhamis Kent, Carlos Arias

RS 14. The AktiKon project. How office architecture can support physical activity
Organiser: Mette Harder
Guests: Christina Bodin Danielsson, Viktoria Walström

RS 15. Human body as a design tool for spatial awareness
Organiser: Carla Collevocchio
Guests: Linnea Bågander, Ursula Dimitriou, Alike Kylika, Eliza Soroga

RS 16. Research/pedagogy through visual culture, producing knowledge through image making
Organiser: Tonia Carless
Guests: paula roush, Igea Troiani

UMA Research Seminars on Architecture 2020/21

UMA Research Seminars on Architecture provide a forum for exchange, presentation, peer review and discussion of ongoing and emerging research at UMA, as well as other work related to architectural research strategies in Sweden and abroad.

The aim of the seminars during the academic year 2020/21 has been to articulate a research structure at UMA through clusters of interest and cooperation that can be scaled up into thriving research labs in the long run. In order to do that, a series of 16 Research Seminars have been held under the following themes:

Research Profiles. Individual research interests at UMA were concisely shared within UMA staff. The nature of these seminars was informative.

Research Clusters. Groups of UMA researchers presented specific research proposals where UMA staff could be of help. The group had the possibility to invite up to two invited guests — one from Sweden and another from abroad — who were instrumental for the progress of the proposal.

Research Cluster’s mirrors. Research clusters who had an interest in and a plan to establish a stable research structure at UMA had the possibility to invite

a researcher who is leading a similar research structure in Sweden or abroad. The invited guest helped strengthening the expertise of the cluster, informing their plan to establish a research group and identifying opportunities for international collaboration.

Research Support. Researchers, managers and administrators provided a guiding way in for UMA to get a better understanding of funding opportunities in Sweden, research partners within Umeå University and possibilities for research dissemination.

Architecture, Exploration and Reflection

UMA Summer Course (7,5 credits)

During 2020, the Summer Course “Architecture, Exploration and Reflection” explored the role architecture can have in relation to social and environmental aspects in society. The course was divided into three parts: two workshops held digitally due to the ongoing pandemic and individual tutoring on the student’s own project.

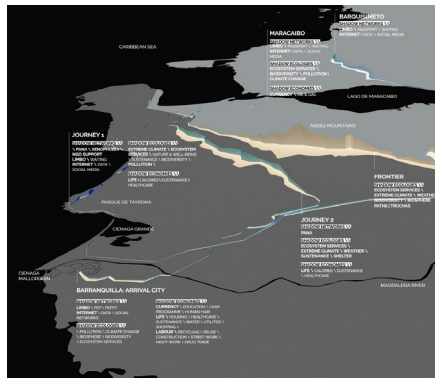
Online tutoring: Individual Project

Teacher: Marie Kraft

The summer course offered the opportunity for architecture students to immerse in a process-oriented project work, exploring a site-specific architectural issue as well as the role of architecture in relation to social and environmental aspects in society.

The course gave the students the opportunity to develop an individual project of their choice. Lectures, tutorials and group seminars supported the student along the research and design process during the course.

The research was the main focus of the course: articulating analysis (Exploration) and critical analysis (Reflection). Focus was also put on how to communicate the project through visual, written and oral presentations with the production of a process portfolio and several common presentations.



Concept Map by students: Tobias Löfgren, Jakob Fagerström

Online workshop:
Sol y Sombra
the frontier, the journey, the
arrival: investigating the
shadows

Course teachers: Alejandro Haiek Coll,
Xenia Adjoubei

We used QGIS data and first-hand accounts, social media networks, and mapped the information spatially in relation to political borders, geography and the natural environment. The visualisations reveal correlations and suggest solutions - made visible by geolocating data and mapping it in relation to environmental conditions. The project generated a knowledge base for design to support civil society and economic and social mobility in the context of the Venezuelan migration crisis in Colombia. <http://designformigration.tilda.ws/solsombra>

External lecturers & guests:
Maria Verónica Machado, Jenny Sierra, Camilo Garces, Jorge Perez Jaramillo



Image: Group proposal for SBML Moria Academia, Lesvos 2020

Online workshop:
The European Refugee Crisis
Designing & caring for refugees

Course teachers: Robert Mull, Amalia Katopodis, Shareen Elnaschie, Gaia Crocella

The course built on work carried out during the last 2 years on the topic of displacement in collaboration with the Global Free Unit, Lesvos-Greece and Izmir-Turkey Classrooms. At the invitation of the local NGO Stand By Me Lesvos and facilitated by the Office of Displaced Designers in Mytelene, our students were commissioned a live project to develop proposals on the design and procurement of the Academia; a school for refugees situated on Moria Camp.

External lecturers & guests:
Elizabeth Cunningham, Anne O’Rorke, Kelli Scott, Mark Pearce, Dolf de Lintelo, Caukin Studio, Chrystal Whitaker, David Rincon, Dan Smith

UMA WORKS 20/21

UMA 2020/21

UMA Students

UMA 1

Judith Björnsdotter Holm, Eskil Brinkmann, Ebba Carolusson Ahlin, David Christoffersson, Ellen Claesson, Adrian Dahlberg, Maja Franzén, Valter Fredström, Felix Gustafsson, Astrid Hainzl, Karin Hallgren, Adam Harris, Hanna Harrysdotter, Axel Hedensiö, Clara Henrup, Yonna Hovrell, Mattias Huss, Signe Höijer, Alice Islander, Arin Issa, Linnéa Johansson, Christofer Järvbäck, Cornelia Kalle, Moa Kastруп, Artem Kosenko, Lisa Landgren, Jesper Larsson, Alexander Lind, Frida Lindman, Linnéa Lindman, Thea Lundahl, Ludwig Lönnberg, Stephanie Mander, Stina Molin, Olivia Niklasson, Gustav Pettersson Thurfjell, Robin Prenler, Johan Recén Larsson, Albin Samuelsson, Olivia Sjöström, Emmy Sondell, Emrik Svanström, Richard Svendeborn, Oscar Svensson, Maria Talyzina, Sara Tuohimaa, Danjela Vladi, Henric Wadman, Adelia Wedekull, Lovisa Wennberg, Alva Westlund, Klara Wikman, Lisa Woods, Ida Wågberg, David Åleheim

UMA 2

Henric Adler, Jonas Eltes, Johan Frank, Lulu Jouneh, Noelle Pihl, Matti Kempainen, Paulina Klinga, Fredrika Lindvall, Johannes Nilsson, Paulina Nilsson, Emma Nordström, Nathalie Olsson, Era Rogova, Alexander Stille, Adam Sävhave, Sofia Öhman, Bhavna Choudhury, Liva Christensen, María Jurado de la Cuadra, Molly Myrsten, Maylis Thobois, Elise Lude, Jonathan Andersson, Lina Degerth, Elin Edström, Axel Gillblad, Erica Grundström, Johan Jarlestad, Rasmus Jonasson, Karin Jonsson Wilstrand, Emma Jonsson, Tuvalie Juntti, Gustav Marklund, Giacomo Ontano, Julia Perc, Alexandra Skyllberg, Valentin Strohkirch, Nathalie Svahn, Fabian Wetterot, Scilla Whilborg, Frida Öberg, Malin Öster, Gerinta Laniauskaite,

Zivile Matijosaityte, Karin Aspengren, Annika Badenius, Lydia Bruhn, Linnéa Ekström, Lovisa Emmoth, Adina Forsberg, Johanna Färm, Eliot Hammarin, Amanda Harrison, Jacob Holm, Edvin Högberg, Ebba Landstedt, Cassandra Lundgren, Elina Martinsson, Mohammad Mohammad, Anna Nordlander Johansson, Darta Anda Senberga, Edith Tamm, Maria Tani, Jonatan Wickström

UMA 3

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