



Towards the multi-functional, inclusive and sustainable campus - snapshots from universities around the world

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The post-pandemic university



Virtual communication as the new normal

- *life-work balance*
- *new flexibility, access and e-services in academia*
- *productivity and learning innovation*

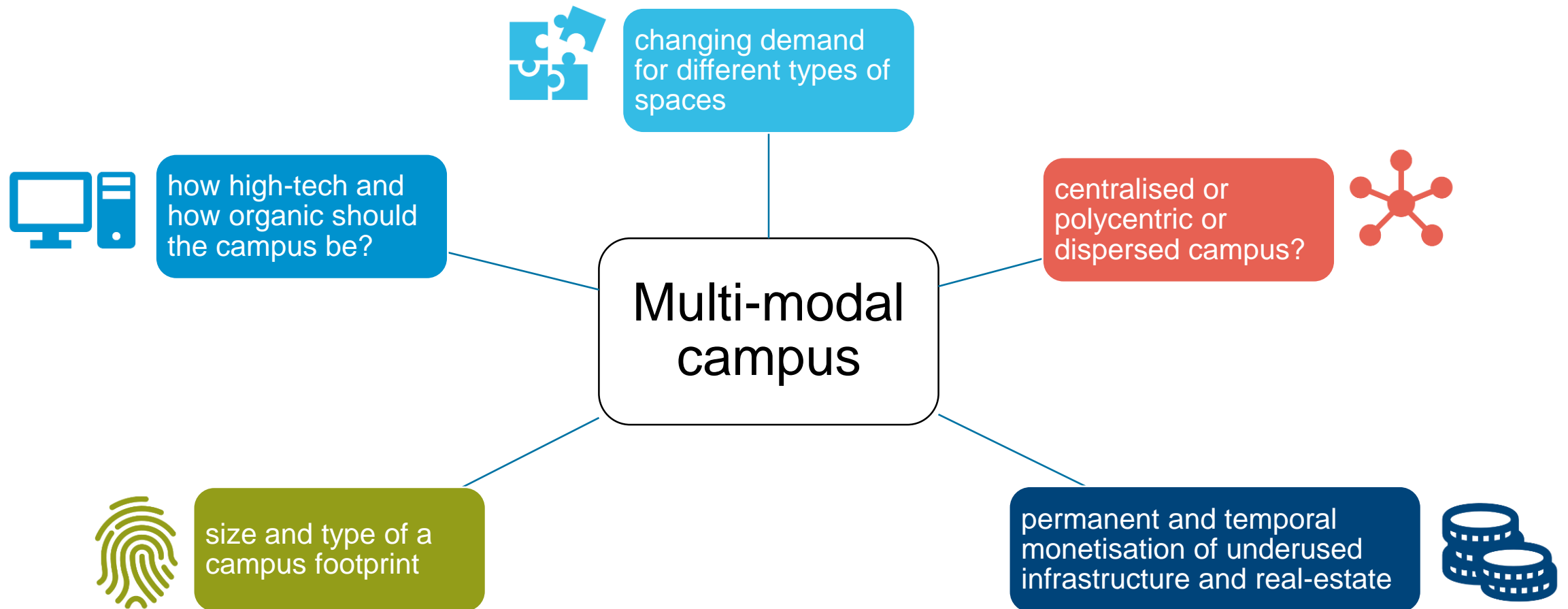


New appreciation for space

- *significance of face-to-face interaction*
- *longing for campus community experience*
- *importance of on-campus third places*



Challenges of design for university campuses



New principles of design for university campuses



Inclusiveness

Principles of universal design welcoming diverse groups of users, designed user experience



Community

Inspiring collaboration, mutual support, belonging through intentional design



Wellness

Promoting healthy lifestyle and wellness through dedicated facilities and design, aesthetics



Sustainability

Resource efficiency and minimal environmental impact, testing ground for green innovation



Flexibility

Adaptable, multi-functional spaces and infrastructures



Connectivity

Acting as hub, integration into urban networks, cutting-edge technologies, living culture



Universal design

Accessibility

(ramps, lowered sinks, accessible housing, accessible desks, classrooms, labs)

Tactile information

Acoustic hygiene

Gender awareness

Spatial information systems

Mobility corridors

Parking solutions

Seamless experience

Wellness principles

Air

Water

Food

Light

Movement

Temperature

Sound

Touch

Mind

Community



Interdisciplinary research facilities

Centrally managed shared research facilities and labs for interdisciplinary teams from different faculties



Brubotics

[The Brubotics Rehabilitation Research Center](#) (BRRC) is a state-of-the-art, interdisciplinary human movement analysis lab (including 14 Vicon mocap cameras, 3 build-in AMTI force plates, a 16-channel Cometa EMG device and a MetaMax 3B gas analysis system) focusing on robotic and technology-supported rehabilitation research.



Microlab

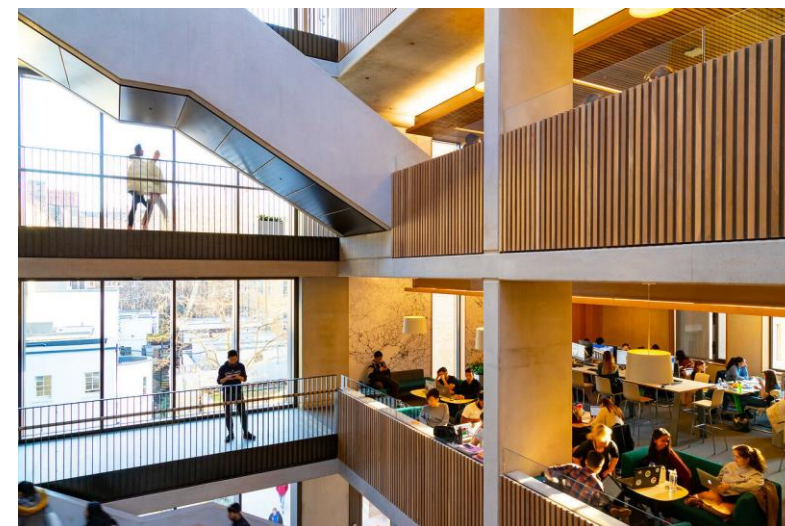
[MICROLAB](#) is a 300 m² class 100 cleanroom dedicated to advanced microfabrication of glass and silicon for microfluidics. It is an open access facility supporting both the research community and industry in the development of microfluidic devices for medical, pharmaceutical and biotechnological applications.

Dining, food and relaxation

Cosy, transparent and interactive dining spaces with healthy, affordable, seasonal food and self-service food and drink stations



Sustainable canteens at South Campus: no-meat days, no single-use bottles for meetings, biodegradable and compostable containers, reuse of coffee grounds.’ left-over food sold in cooperation with Too Good to Go, coffee is cheaper if you bring your own cup



The Student Centre: over 1,000 study spaces across eight floors, as well as a cafe, a rooftop terrace and the Student Support and Wellbeing Centre. The Centre’s green credentials also played a part in its recognition by Prix Versailles, as it features recycled building materials, rooftop solar panels and a temperature regulation system that helps to reduce energy usage.

Food-related art and research as decoration

Wifi and power outlets

Formal dining events on campus

Multiple sitting arrangements

Lunch apps



Wellbeing one-stop shops

Integration of services and provision spaces indicates holistic approach to campus wellbeing



As a student, combining social life, studies, work and exercise can be quite a challenge. UvA a one-stop-shop programmes which students can use anonymously, for free, and with guidance from a free online coach. The programmes are developed for a number of complaints, such as mood problems, stress, procrastination, eating problems and covid-related problems.

Mental health
Counseling
Intervention
Prevention



Univerza v Ljubljani



Physical health
General practice
Emergency
Sports and recreation



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academic business incubators

patios, rooftops, gardens

Libraries as learning commons

Less book shelving space in favour of comfort, collaboration, connectivity, participation

art gallery

special collections

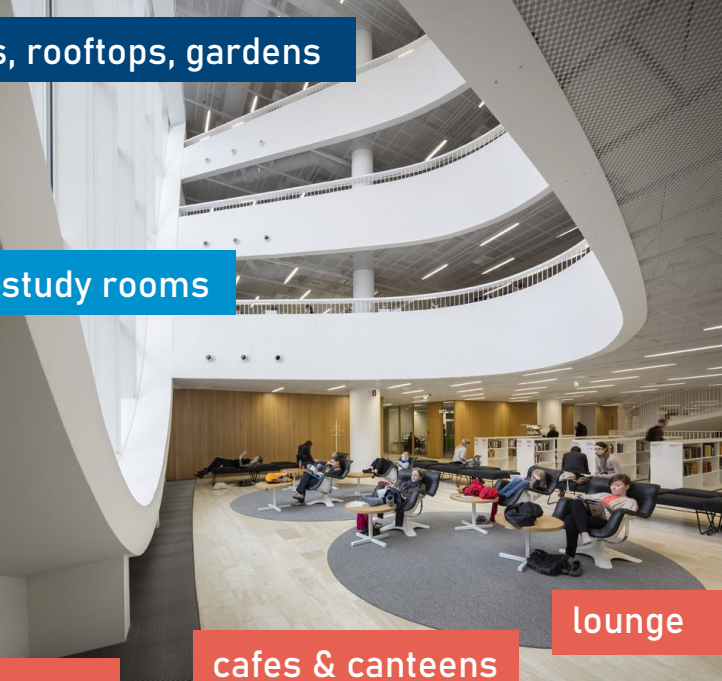
meeting and study rooms

makerspace



VR Lab

open science



lounge

cafes & canteens

coworking spaces



tutoring and mentoring centres

tech and IT support

podcast studio



classrooms



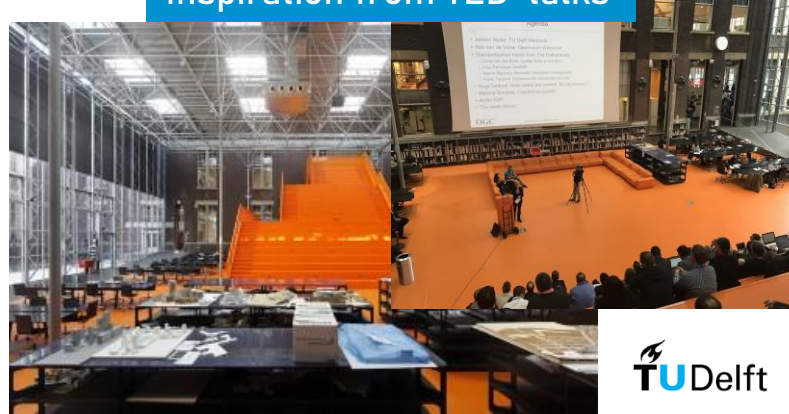
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Hybrid and flexible classrooms and workspaces

Motivating, functional, dynamic space arrangements that reflect different stages in process of learning and research.

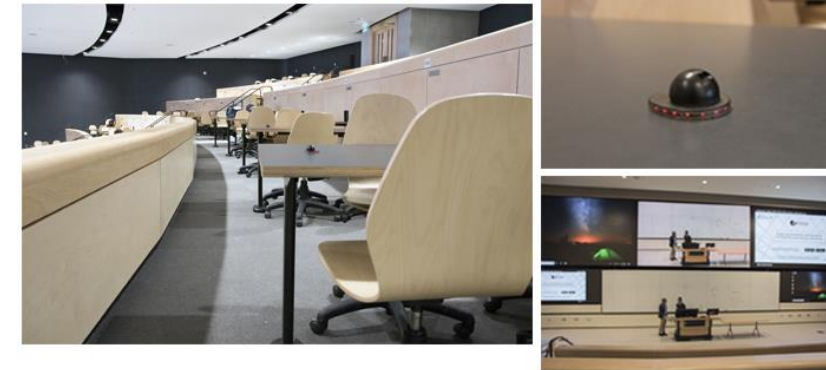
Inspiration from TED-talks



TU Delft



„From talking heads to talking students“



Myhal auditorium: plenty of aisle space and rectangular tables, built for collaboration; a microphone and video hook-up at every table for easy class participation; a gigantic digital screen and enough room at the front of the class

Connected diverse spaces



Socialise & collaborate



Learn & focus



The Why Factory: orange staircase, event venue, workspace, exhibition gallery, filming studio, dining hall, performance stage, ballroom etc.



THE ARC

Mazumdar-Shaw Advanced Research Centre



Housing and real-estate portfolio

Diverse living spaces for staff and students. Housing for visiting researchers, students, shared amenities, hotel.

Using a phased, **core-and-shell strategy** to construct Life Science Laboratories (LSL) building allowed the University of Massachusetts Amherst to obtain high-level research space and take advantage of the competitive bid market and economic incentives



Transparent eligibility criteria

Diversified prices and standards

Bike storage

Laundry

24h office

Coworking space

Convenience store

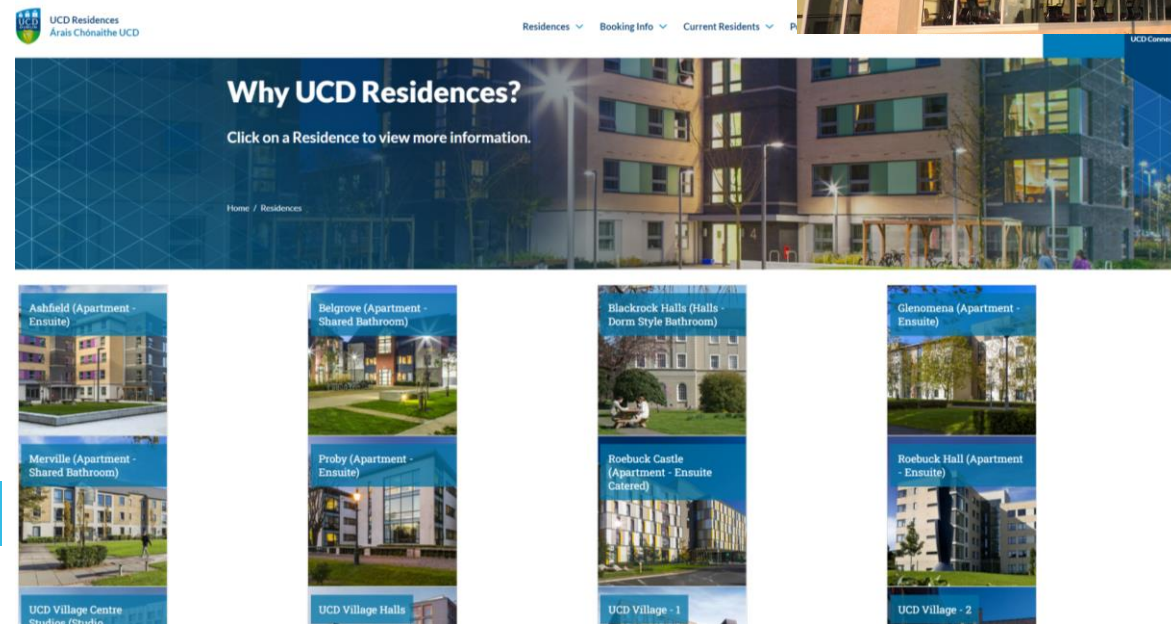
Gym & wellness centre

Flatmate issue resolution

Afternoon & hobby clubs

Residential assistants

Community moderators





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Thank you for your attention!

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