FACULTY OF ARCHITECTURE AND THE BUILT ENVIRONMENT PROVISIONAL Course packages for Exchange students 2024-2025

Due to issues concerning scheduling and availability, we cannot offer our students a free choice of subjects.

During the **Autumn/first semester** (starting in September), we offer:
- For **Master** level students complete 'MSc 1' fixed course packages.
- For **Bachelor** level students English taught Minor Programmes.

During the **Spring/second semester** (starting in February), we offer:
- For **Master** Level students a 15 EC MSc2 design course + a course package of 3 elective courses (5 EC each).
- For **Bachelor** Level students there are NO minor packages available. BSc/undergraduate students cannot apply for the spring semester.

Below you will find the list of course packages we offer. Since we cannot guarantee enrolment in your first choice, it is obligatory to mention <u>a second choice and a third choice</u> in the application system.

Course catalogue
- List course packages for exchange Autumn & Spring 2024-2025
    - Architecture, Urbanism and Building Sciences (see this pdf)
    - Geomatics (pdf)
- Consult the [course catalogue](course%20catalogue) for more detailed information about the content of the courses
- Find the manual to the study guide on [studyguide manual](studyguide%20manual)
- More information on the Minors can be found here
- More information on the Architecture studios can be found here.

Please be aware that:
- The course catalogue for the academic year 2024-2025 will be updated around the end of April 2024 ([online course catalogue](online%20course%20catalogue)), so changes may occur. Students should base their study plan on the current version of the course catalogue, bearing in mind that changes may occur next year. For students applying for the fall 2024: Due to a Bachelor and Master renewal it is also possible that a few new developed courses may not yet be published in the studyguide when applying.
- It is not possible to combine courses of different packages or to choose electives, it is however possible to do part of a course package as long as you meet the 24 EC requirement.
- Before the start of the exchange period, the final fixed course package will be confirmed. After the fixed course package is confirmed, it is no longer possible to change or add courses.
- Courses which are listed here for Spring will change and this is just an indication. Students do not apply yet for courses in the Spring.

Once your courses have been confirmed, it is not allowed to switch programmes.

Autumn semester (For spring semester, scroll to end of document!)

English taught Bachelor minors (autumn only)

Bachelor students can choose one 15 ECTS course offered in Q1 and one that is offered in Q2.
*These courses can only be followed in combination with matching Q1 course.
** All courses of these 30 ECTS minors need to be taken together.

Minor: Code and name	Autumn - Q1	Autumn - Q2
BK-MI-203-24 Archineering Q1	x	
BK-MI-204-24 Archineering Q2*		x
BK-MI-241-24 Heritage and Design (Q1 and Q2)**	x	x
BK-MI-[XXX]-24 Spaces of Display: Retail and Exhibition Design (Q1 and Q2)**	x	x
BK-MI-235-24 Spatial Computing for Digital Twinning Q1	x	
BK-MI-197-24 Spatial Computing in Architectural Design Q2		x
BK-MI-[XXX]-24 The Healthy Inclusive City: Addressing Socio-Spatial Inequalities	x	
BK-MI-198-24 Architecture Presentation: Visions Reviewed		x
BK-MI-216-24 Sustainable Urbanism: The Green-Blue City		x
BK-Mi-236-24 Timeless Typologies – Remodelling Architecture		x

Course code	Course name	Credits	Semester	Quarter
BK-MI-203-24 Archineering Q1				
BK7460-13	Archineering 1	15.0	1	1
BK-MI-204-24 Archineering Q2				
BK7461	Archineering 2	15.0	1	2

BK-MI-241-24 Heritage and Design **(Q1 and Q2 can only be taken together)**				
BK7550	Landscape and Transition	5.0	1	1
BK7551	History of Dutch Cities and Landscapes	5.0	1	1
BK7555	City and Transformation	5.0	1	1
BK7552	Heritage: Theory and Practice	5.0	1	2
BK7553	Architecture and Re-use	5.0	1	2
BK7554	History of Dutch architecture and art	5.0	1	1

BK-MI-[XXX]-24 Spaces of Display: Retail and Exhibition Design (Q1 and Q2 can only be taken together; this minor has a selection procedure, please send your portfolio and motivation to L.M.M.deWit@tudelft.nl)				
BK7064	Spaces of Display 1	10.0	1	1
BK7066	Tools for Spaces of Display 1	5.0	1	1
BK7065	Spaces of Display 2	10.0	2	2
BK7067	Tools for Spaces of Display 2	5.0	2	2

BK-MI-235-24 Spatial Computing for Digital Twinning				
BK7951	Spacial Decision Support Systems	5.0	1	1
BK7952	3D Data Acquisition and Analysis	5.0	1	1
BK7953	Open Urban Data Governance	5.0	1	1
BK-MI-197-24 Spatial Computing in Architectural Design				
BK7083	Computational Design Studio	9.0	1	2
BK7084	Computational Simulations	6.0	1	2

BK-MI-[XXX]-24 The Healthy Inclusive City: Addressing Socio-Spatial Inequalities[1]				
BK[XXXX]	Lecture Series and Review Paper	5.0	1	1
BK[XXXX]	Design Strategies	5.0	1	1
BK[XXXX]	Action Research	5.0	1	1

BK-MI-198-24 Architecture Presentation: Visions Reviewed				
BK7140	Presenting Project Facts	3.0	1	2
BK7141	Presenting Project Visions	3.0	1	2
BK7142	Presenting Project Prospects	9.0	1	2

BK-MI-216-24 Sustainable Urbanism: The Green-Blue City				
BK7215	Basic techniques for sustainable urban design	5.0	1	2
BKXXXX	Systems in the City: Sustainable Urban Design[2]	10.0	1	2

BK-MI-236-24 Timeless Typologies – Remodelling Architecture				
BK7942	Culture & Understanding	5.0	1	2
BK7943	Design & Remodelling	10.0	1	2

[1] Please note that the Study Guide descriptions of these new minor courses will be available at the end of April 2024 only. To get a first idea of the content, please look at the discontinued predecessor BK-MI-193 Cities Migration and Socio-Spatial Inequality (CMSI).

[2] Please note that the Study Guide description of this new course will be available at the end of April 2024 only. To get a first idea of the content, please look at the discontinued predecessor BK7225 City and the Public Space: Sustainable Urban Design.

Master Architecture specializations (autumn only)

More detailed information can be found here.

Course code	Course name	Credits	Semester	Quarter
Architecture and Dwelling				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	1	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1AD014	Fundamentals of Housing Design Studio	10.0	1	1, 2
Form, Structure and Aesthetics				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	1	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1FO010	Form, Structure and Aesthetics Studio	10.0	1	1, 2
Architectural Design Crossovers				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	1	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1DC010	Architectural Design Crossovers Studio	10.0	1	1, 2
Architectural Engineering				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	1	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1AE011	EXTREME architecture	10.0	1	1, 2
Architecture and Public Building				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1AP012	Public Building Design Studio	10.0	1	1, 2
Complex projects				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1CP011	Complex Projects Design Studio	10.0	1	1, 2
Design, Data and Society				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2

Course code	Course name	Credits	Semester	Quarter
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1DDS[XXX]	Design, Data and Society Design studio – new, see here for more info	10.0	1	1, 2

Course code	Course name	Credits	Semester	Quarter
Methods and Analysis and Imagination				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1MET015	Situating Architecture	10.0	1	1, 2

Heritage and Architecture				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1AH010	Heritage and Architecture Design Studio: Architectonic Design	10.0	1	1, 2

Interiors Buildings Cities				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1AI013	Interiors Buildings Cities MSc1 Design Project	10.0	1	1, 2

The Why Factory				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1TWF011	The Why Factory MSc1 Design Studio	10.0	1	1

Borders and Territories				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1BO010	Borders & Territories Design Studio	10.0	1	1, 2

Urban Architecture				
Master 1				
AR1A061	Delft Lectures on Architectural Design and Research Methods	5.0	1	1
AR1A066	Delft Lectures on Architectural History and Theory	5.0	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1UA010	Urban Architecture MSc 1 Design studio	10.0	1	1, 2

Master Building Technology (autumn only)

Course code	Course name	Credits	Semester	Quarter
Master 1				
AR1B011	Bucky Lab Design	10.0	1	1, 2
AR1B023	Sustainable Architectural Materials & Structures	5.0	1	1
AR1B022	Climate Design	5.0	1	1
AR1B032	Research & Methodology	5.0	1	2
AR1B024	Introduction to Computational Design	5.0	1	2

Master Management in the Built Environment (autumn only)

Course code	Course name	Credits	Semester	Quarter
Master 1				
AR1MBE015	Research Methods 1	5.0	1	1
AR1MBE020	Design and Construction Management	10.0	1	1
AR1MBE025	Building Economics	5.0	1	2
AR1MBE030	Real Estate Management	10.0	1	2

Master Landscape Architecture (autumn only)

Course code	Course name	Credits	Semester	Quarter
Master 1				
AR1LA011	Architecture and Landscape: Design Studio	10.0	1	1
AR1LA021	Architecture and Landscape: Theory, Method and Critical Thinking	5.0	1	1
AR1LA051	Dutch Landscape: Design Studio	10.0	1	2
AR1LA061	Dutch Landscape: Theory, Method and Critical Thinking	5.0	1	2

Master Urbanism (autumn only)

Course code	Course name	Credits	Semester	Quarter
Master 1				
AR1U090	RandD Studio: Analysis and Design of Urban Form	10.0	1	1
AR1U100	RandD Studio: Designing Urban Environments	10.0	1	2
AR1U121	History and Theory of Urbanism	5.0	1	1
AR1U131	Sustainable Urban Engineering of Territory	5.0	1	2

PROVISIONAL - Spring semester

(Changes might be possible, due to changes in the Bachelor and Master curriculum. This content will be finetuned during this academic year, around May.)

Master Architecture specializations (spring only)

Course code	Course name	Credits	Semester	Quarter
Architecture 1				
Master 2				
	Choice MSc2 Design studio*	15.0	2	4
AR0109	City of Innovations Project	5.0	2	3
AR2HA011	Building Green: Past, Present, Future	5.0	2	3
AR0136	Making	5.0	2	3

Course code	Course name	Credits	Semester	Quarter
Architecture 2				
Master 2				
	Choice MSc2 Design studio*	15.0	2	4
AR0118	Experiments in Drawing Theory	5.0	2	3
AR0[XXX]	Adaptive Architecture for Public Buildings: Theories and Practices	5.0	2	3
AR0122	1:1 Interactive Architecture Prototypes Workshop	5.0	2	3

Course code	Course name	Credits	Semester	Quarter
Architecture 3				
Master 2				
	Choice MSc2 Design studio*	15.0	2	4
AR0108	Mastermind: CRASH (Conservation, Reuse, Architecture, Sustainability and Heritage)	5.0	2	3
AR0113	Tools of the Architect	5.0	2	3
AR0141	CSI-Heritage (Conservation, Survey, Investigation of the Built Heritage)	5.0	2	3

Course code	Course name	Credits	Semester	Quarter
Architecture 4				
Master 2				
	Choice MSc2 Design studio*	15.0	2	4
AR0119	Figures	5.0	2	3
AR2UA010	The Living City	5.0	2	3
AR0095	Social Inequality in the City, Diversity and Design	5.0	2	3

Course code	Course name	Credits	Semester	Quarter
Architecture 5				
Master 2				
	Choice MSc2 Design studio*	15.0	2	4
AR0106	Architectural Ethnography	5.0	2	3
AR0107	Housing Studies: An open intersectional Archive	5.0	2	3
AR0215	Form & Inspiration	5.0	2	3

Master Urbanism specializations (spring only)

Urbanism 1				
Master 2				
AR2U086	RandD Studio: Spatial Strategies for the Global Metropolis	10.0	2	3
AR2U088	Research and Design Methodology for Urbanism	5.0	2	3
AR0167	Architecture and Urban Design	15.0	2	4

Choice MSc2 Design studio (spring only)

Choice MSc2 Design studio: please choose 3 Design studios from the list below in order of preference.

On the following website and/or by selecting the course code in the course catalogue you can find more detailed information about the content of the courses.

- AR0139 MEGA
- AR0142 EXTREME technology
- AR[XXXX] Entrepreneurship in the Built Environment
- AR0149 ON SITE: Landscape architectonic explorations
- AR0167 Architecture and Urban Design
- AR0177 The Why Factory MSc2 Design Studio
- AR0194 Bucky Lab A
- AR0216 Towards an inclusive living environment
- AR0682 Heritage & Architecture Design Studio: Research and Architectural Design
- AR2AD012 MSc2 Dwelling design studio 'Global Housing'
- AR2AI011 Interiors Buildings Cities MSc2 Design Project
- AR2AP010 MSc2 Public Building Design Studio Multiplicity and Identity
- AR2AT021 Architectural Technicities Design Studio
- AR2BO010 Borders & Territories International Design Studio
- AR2CP011 MSc2 Complex Projects Design and Research Studio
- AR2DC010 Architectural Design Crossovers Studio
- AR2FO010 The Delta Shelter
- AR2FST010 Studio 'High-Rise Culture'
- AR2MET011 Designing with Others
- AR2UA020 Urban Architecture MSc2 design studio
- AR2MM001 Building Ideologies Freedom
- AR[XXXX] Metropolitan Regions in Times of Environmental and Economic Transitions
- AR2DDS[XXX] Inhabiting Data: People, Object, Spaces (see current studioflyer)