

FACULTY OF ARCHITECTURE AND THE BUILT ENVIRONMENT

Course packages 2022-2023 for EXCHANGE STUDENTS

Due to issues concerning scheduling and availability, we cannot offer our students a free choice of subjects. Within the study exchange program, our faculty allows during the first semester (autumn):

- **Master** level students to make a choice from our Master 1 programs.
- **Bachelor** level students to make a choice from our English taught Bachelor minor programs .

During the second semester (spring) we will offer:

- A **Master** level course package of 3 elective courses and a MSc2 design course (minor changes are still possible).

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 a second choice and a third choice in the application system and/or in your motivation letter.

In case you apply for two semesters you only have to mention the three choices for the first semester. You can enroll yourself for the second semester in November. Choices for the second semester will not be taken into account.

Please note that it is still possible that some minor changes might occur in the offered course packages. In May of the preceding Academic Year the courses for will be published in our [online course catalogue](#).

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.

Minor: Code and name	Autumn - Q1	Autumn - Q2
BK-MI-203-22 Archineering Q1	x	
BK-MI-204-22 Archineering Q2*		x
BK-MI-221-22 Heritage and Design Q1	x	
BK-MI-222-22 Heritage and Design Q2*		x
BK-MI-209-22 Spaces of Display Q1	x	
BK-MI-220-22 Spaces of Display Q2*		x
BK-MI-235-22 Spatial Computing for Digital Twinning Q1	x	
BK-MI-197-22 Spatial Computing in Architectural Design Q2		x
BK-MI-193-22 Cities Migration and Socio-Spatial Inequality (CMSI)	x	
BK-MI-198-22 Architecture Presentation: Visions Reviewed		x
BK-MI-226-22 Sustainable Urbanism: The Green-Blue City		x
BK-Mi-236-22 Timeless Typologies – Remodelling Architecture		x

Course code	Course name	Credits	Semester	Quarter
BK-MI-203-22 Archineering Q1				
BK7460-13	Archineering 1	15.0	1	1
BK-MI-204-22 Archineering Q2				
BK7461	Archineering 2	15.0	1	2

Course code	Course name	Credits	Semester	Quarter
BK-MI-221-22 Heritage and Design Q1				
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
BK-MI-222-22 Heritage and Design Q2				
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	2

BK-MI-209-22 Spaces of Display Q1				
(for this minor is a selection procedure, please send your portfolio and motivation to L.M.M.deWit@tudelft.nl)				
BK7064	Spaces of Display 1; retail and exhibition design	10.0	1	1
BK7066	Tools for Spaces of Display 1	5.0	1	1
BK-MI-220-22 Spaces of Display Q2				
BK7065	Spaces of Display 2; retail and exhibition design	10.0	1	2
BK7067	Tools for Spaces of Display 2	5.0	1	2

BK-MI-235-22 Spatial Computing for Sustainable Development				
BK-MI-235	Spatial Computing for Digital Twinning	15.0	1	1
BK-MI-197-22 Spatial Computing in Architectural Design				
BK7083	Computational Design Studio	9.0	1	2
BK7084	Computational Simulations	6.0	1	2

BK-MI-193-22 Cities Migration and Socio-Spatial Inequality (CMSI)				
BK7470	CMSI Lecture Series & Review Paper	6.0	1	1
BK7471	CMSI Collaborative Project: Tackling Spatial Inequality	6.0	1	1
BK7472	CMSI Engaging with Practice of Spatial Inequality	3.0	1	1

BK-MI-198-22 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-226-22 Sustainable Urbanism: The Green-Blue City				
BK7225	Basic techniques for sustainable urban design	5.0	1	2
BK7225	City and Public Space: Sustainable Urban Design	10.0	1	2

BK-Mi-236-22 Timeless Typologies – Remodelling Architecture				
BK-Mi-236	Timeless Typologies – Remodelling Architecture	15.0	1	2

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	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1AD014	Fundamentals of Housing Design Studio	10.0	1	1, 2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1FO010	Form, Structure and Aesthetics Studio	10.0	1	1, 2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1DC010	Architectural Design Crossovers Studio	10.0	1	1, 2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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	2	2
AR1A080	Building Engineering Studios	10.0	1	1, 2
AR1AE011	EXTREME architecture	10.0	1	1, 2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

Methods of 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
AR1MET011	Ways of Doing	10.0	1	1, 2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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
AR1A081	Building Engineering Studios	10.0	1	2
AR1TWF011	The Why Factory MSc1 Design Studio	10.0	1	1
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		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
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

Master Building Technology (autumn only)

Course code	Course name	Credits	Semester	Quarter
Master 1				
AR1B011	Bucky Lab Design (changed content!)	10.0	1	1, 2
ARXXXX	Sustainable Architectural Materials & Structures	5.0	1	1
ARXXXX	Climate Design	5.0	1	1
AR1B031	Research & Methodology	5.0	1	2
ARXXXX	Introduction to Computational Design	5.0	1	2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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	2	2
AR1MBE030	Real Estate Management	10.0	2	2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

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	2	2
AR1LA061	Dutch Landscape: Theory, Method and Critical Thinking	5.0	2	2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

Master Urbanism (autumn only)

Course code	Course name	Credits	Semester	Quarter
Master 1				
AR1U090	R&D Studio: Analysis and Design of Urban Form	10.0	1	1
AR1U100	R&D Studio: Designing Urban Environments	10.0	2	2
AR1U121	History and Theory of Urbanism	5.0	1	1
AR1U131	Sustainable Urban Engineering of Territory	5.0	2	2
Starting Course MSc1 (highly recommended, see course description)				
AR071	Workshops Faculty of Architecture and the Built Environment		1	1

Spring semester (these course packages are still subject to change!)

Master Architecture specializations (spring only)

Course code	Course name	Credits	Semester	Quarter
Architecture 1				
Master 2				
	Choice MSc2 Design studio*	15.0	2	4
AR0119	Figures	5.0	2	3
AR2HA011	Building Green: Past, Present, Future	5.0	2	3
AR0225	Forms & Inspiration	5.0	2	3

Architecture 2				
Master 2				
	Choice MSc2 Design studio*	15.0	2	4
AR0796	Ornamatics	5.0	2	3
AR2AP031	Public Building Seminar Aesthetics of Sustainable Design	5.0	2	3
AR0136	Making	5.0	2	3

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	Methods of Architecture Analysis and Imagination	5.0	2	3
AR0141	CSI-Heritage (Conservation, Survey, Investigation of the Built Heritage)	5.0	2	3

Architecture 4				
Master 2				
	Choice MSc2 Design studio*	15.0	2	4
AR0109	City of Innovations Project	5.0	2	3
AR2UA010	Urban Architecture	5.0	2	3
AR0106	Architectural Ethnography	5.0	2	3

* Choice MSc2 Design studio: please choose 3 Design studios from the list below in order of preference and mention these in your motivation letter. By selecting the course code in the [course catalogue](#) you can find more detailed information about the content of the courses. The 15 ECTS studios are offered by the Architecture track.

Spring semester (these course packages may be subject to change!)

Choice MSc2 Design studio (spring only)

- [AR0124](#) Solar Decathlon Design
- [AR0137](#) Technoledge Health & Comfort
- [AR0139](#) MEGA (recommended elective: Computational Intelligence for Integrated Design)
- [AR0142](#) EXTREME technology
- [AR0143](#) Sustainability project - design and elaboration
- [AR0149](#) ON SITE, Landscape architectonic explorations
- [AR0167](#) Architecture & Urban Design
- [AR0177](#) The Why Factory MSc2 Design Studio
- [AR0194](#) Bucky Lab A
- [AR0226](#) Towards an inclusive living environment
- [AR0226](#) MSc2 Studio Elective Urban and Infrastructure (Re)development Game
- [AR0682](#) Heritage & Architecture Design Studio: Research and Architectural Design
- [AR2AA015](#) Architectural Design Studio
- [AR2AD012](#) MSc2 Dwelling design studio 'Global Housing'
- [AR2AI011](#) Interiors Buildings Cities MSc2 Design Project
- [AR2AP010](#) MSc2 Public Building Design Studio Multiplicity and Identity
- [AR2AT022](#) Agential Materialism Architecture Theory 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](#) Transdisciplinary Encounters
- [AR2UA020](#) Urban Architecture MSc2 design studio