

CALENDAR 2024-2025

- 3rd Thursday of each month: **USRE-seminar** (VRT 9.06, 10:30-12:30)*
- 1st Tuesday of each quartile: **Kick-off Graduation Project** (VRT 8.06, 12:40-13:20)*

Q1

28 aug	Master kick-off
2 sep	Start academic year
2 sep-12 oct	Create a PSP and discuss it with your mentor
27 sep	MomenTUM
13 oct	Registration closing date for exams Q1 and courses Q2
28 oct-9 nov	Exams

Q2

23 dec-3 jan	Christmas Holidays
5 jan	Registration closing date for exams Q2 and courses Q3
20 jan-1 feb	Exams

Q3

1 mar	International exp. deadline A
3-7 mar	Carnival Holidays
t.b.a.	Bouwkunde Bedrijvendagen
23 mar	Registration closing date for exams Q3 and courses Q4
7-19 apr	Exams
18-21 apr	Good Friday and Easter

Q4

26 apr	King's Day
5 may	Liberation Day
29-30 may	Ascension Day + bridge day
8 jun	Reg. deadline exams Q4
9 jun	Whit Monday
23 jun-5 jul	Exams

11-16 aug	Interim exams
1 sep	International exp. deadline B

*Time/location may vary depending on the situation at the time

COACHING AND ADVICE

As a TU/e student, you are responsible for your own study progress and we expect a pro-active attitude. Of course, we will help you when needed. During the master you can discuss your personal study plan, career possibilities and elective choices with your **mentor**. Please contact the **coordinator** of the unit USRE (Feixiong Liao, F.liao@tue.nl), who will assign a mentor to you. Should you have questions regarding the curriculum or your study progress, please contact the **Education & Student Affairs Office**. An appointment with the **academic advisor**, for instance to discuss any personal circumstances, can be made online (educationguide.tue.nl/guidance-and-development/who-to-contact/academic-advisor).

TO-DO LIST

Start off well and check this list!

- Familiarize yourself with the ABP-CME course overview on the Education Guide to find out which electives, possibly belonging to other tracks or programs, you would like to follow. The course overview can be found under downloads on the curriculum page.
- Seek out possibilities for a study semester or internship abroad. Consult the handouts on the Education Guide. Contact the International Office (exchange.be@tue.nl) for additional information.
- Make your **personal study plan** (PSP). This plan is the basis for your master and consists of all your courses and projects, as well as your planning. Deliver the PSP via Osiris Case, which is accessible via Osiris Student (tue.osiris-student.nl/login).

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MORE INFORMATION

Education & Student Affairs Office
(Built Environment)
Vertigo 2.12
esa.be@tue.nl



And check out these webpages:

- Education Guide ABP for department-specific information on curriculum, regulations (PER), and more (educationguide.tue.nl/gs/abp)
- Education Guide (general) for more general topics (educationguide.tue.nl)
- OSIRIS for a complete course catalogue, your exam results and your study progress (osiris.tue.nl)
- CANVAS here you can find the study guide with the planning and assignments for your courses (canvas.tue.nl)
- Intranet for information about the department and facilities such as the student workshop (intranet.tue.nl/BE)

We need your help to improve our education!

Please fill in our course evaluations and send suggestions for improvements and complaints to the Education Coordinator (education.coordinator.BE@tue.nl). Complaints on examinations can be sent to the Examination Committee (examination.committee.be@tue.nl)



MASTER STUDENT GUIDE
2024-2025

Architecture, Building and
Planning | Track USRE

DEPARTMENT OF THE BUILT ENVIRONMENT

TU/e
EINDHOVEN
UNIVERSITY OF
TECHNOLOGY

Welcome to the Graduate School!

This booklet contains everything you need to know about the track Urban Systems and Real Estate (USRE).

TRACK USRE

The track Urban Systems and Real Estate (USRE) of the master program ABP prepares you for a professional career in the field of urban planning, smart cities, city (re)-development, transportation, building information technology, design and decision support systems or real estate management and development.

The two-year track consists of multiple components for a total of 120 credits (ECTS).

Core courses	25 credits
Specialization electives	30 credits
Electives	20 credits
Graduation project	45 credits

See the next page for an overview of the program's contents, and check out the Education Guide online for more information.

RESEARCH TOPICS AND GRADUATION

To complete your education you must do a Graduation Project (45 ECTS). You can graduate on a topic of your interest, in consultation with your main supervisor. The different research topics of the unit USRE are listed below. You can find more information about the graduation process in the USRE Graduation Guide (download at educationguide.tue.nl/gs/abp), and more detailed information on Canvas.

Research topic	Professor(s)
Information	Bige Tuncer
Systems in the Built Environment	Pieter Pauwels* Qi Han*
Real Estate and Urban Development	Theo Arentze Rianne Appel*
Urban Planning and Transportation	Soora Rasouli Aloys Borgers* Astrid Kemperman

* Associate professor

PROGRAM

		Quarter	ECTS	
Core courses	7ZW3M0	Urban Planning II	1	5
	7ZU3M0	Managing Place and Property	2	5
	7ZW7M0	Urban Research Methods	3	5
	7ZM5M0	Process Modeling and Information Management	4	5
	7ZW4M0	Built Environment and Smart Mobility	4	5
				+
				25
	Choose 30 ECTS out of 65 ECTS			
Specialization electives	7ZU4M0	Econometric Analysis of Housing Markets	1	5
	7ZU1M0	Project: Housing Portfolio Management	1-2	10
	7ZM1M0	Project: Research and Development	1-2 / 3-4	10
	7M900	Fundamentals of BIM	2	5
	7ZW5M0	Smart Healthy Urban Environments	2	5
	7U772	Corporate Real Estate and Workplace Strategy	3	5
	7ZM8M0	Collaborative Design	3	5
	7ZU2M0	Project: Redevelopment of Problem Areas	3-4	10
	7ZW1M0	Project: Big Data for Urban & Transportation Analysis	3-4	10
				+
				30
	Electives			20
	7Z45M0	Graduation Project USRE	1/2/3/4	45
				total: 120

Good to know:

- Check the Education Guide (educationguide.tue.nl/gs/abp) for the complete ABP-CME course overview, including all elective courses.
- In the space for elective courses, you may choose courses from other tracks, other programs, or even other universities.
- Graduation projects start every quartile and normally take 3 quartiles to complete. TIP: come to the **USRE-seminar** every third Thursday of the month where current graduates present their proposals. Join the kick-off meeting to start your own graduation project: each first Tuesday of the quartile.

BUILD YOUR OWN FUTURE

Invest in your future and explore the great offer of extra-curricular activities alongside your study program:



- The study associations of the Built Environment organize workshops, excursions, lectures and leisure activities. Join a committee to meet new people, learn skills, and have fun! For USRE students there is SERVICE. (service-studievereniging.nl)
- Broaden your horizon at Studium Generale: lectures, debates, concerts, theatre, movies and more! (studiumgenerale-eindhoven.nl)
- Find career related activities and workshops on MyFuture (myfuture.tue.nl)

International experience?

We recommend you to go abroad for a study semester or a 15 ECTS research internship. Consult the handouts on the Education Guide. Contact the International Office (exchange.be@tue.nl) for additional information. Registration deadlines are:

- **Sep 1** for semester B, 2024-2025
- **Mar 1** for semester A, 2025-2026

Internships

You can also do an internship in the Netherlands in the space for electives. Depending on the internship you can earn 5 ECTS (relevant work experience) or 15 ECTS (academic work experience).

Handy! Cut this folded page and use the calendar on the back side as a bookmark for your agenda.

