

CALENDAR 2024-2025

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	Registration closing date for exams Q4
9 jun	Whit Monday
23 jun-5 jul	Exams

11-16 aug	Interim exams
24 aug	Reg. deadline courses Q1
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 BPS (Katrin Schollbach, k.schollbach@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 in the Education Guide to find out which electives, possibly belonging to other tracks, you would like to follow.
- 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 BPS

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 Building Physics and Services (BPS).

TRACK BPS

The track Building Physics and Services (BPS) of the master program ABP prepares you for a professional career in the fields of acoustics, lighting technology, building materials, urban physics, heat, air and moisture, building performance, fire safety and building services.

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

Core courses	30 credits
Specialization electives	30 credits
Electives	15 credits
Graduation project	45 credits

See the next page for an overview of the program's contents. Check out the Education Guide for more information: (educationguide.tue.nl/gs/abp).

SPECIALIZATION AND GRADUATION

Within the field of BPS there are many subjects. To a certain extent you can specialize on a subject by choosing (specialization) electives. To complete your master, you must do a Graduation Project (45 ECTS). You can choose from various subjects from the offer of graduation projects. Please contact the coordinator of the unit BPS (Katrin Schollbach, k.schollbach@tue.nl) or one of the chairs' teachers for information about graduation possibilities.

Chair	Professor(s)
Building Acoustics	Maarten Hornikx
Building Lighting	Maarten Hornikx (a.i.)
Building Materials	Jos Brouwers Sieger van der Laan
Building Performance	Jan Hensen Helianthe Kort
Building Physics	Twan van Hooff* (a.i.)
Building Services	Twan van Hooff* (a.i.)

* Associate professor

PROGRAM

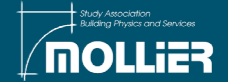
		Quarter	ECTS	
Core courses	7S880	Lighting Technology	2	5
	7LS3M0	Sustainable Buildings / Physical aspects of materials	1	5
	7LS8M0	Architectural Acoustics	3	5
	7LS9M0	Heat, Air & Moisture Transfer / CFD 1	3	5
	7LY3M0	Building Performance and energy systems simulation	1	5
	7LY4M0	Building services and fire safety	4	5
				+
				30
Choose 30 ECTS out of 55 ECTS				
Specialization electives	7LS0M0	BPS Masterproject Design	1-2 / 3-4	10
	7LS1M0	BPS Masterproject A Research	1-2 / 3-4	10
	7LS2M0	BPS Masterproject B Research	1-2 / 3-4	10
	7LL7M0	C.S. Lighting Technology	3	5
	7LS6M0	Heat, Air & Moisture Transfer / CFD2	4	5
	7LY5M0	Intelligent Buildings	1	5
	7LY6M0	Materials Panorama	2	5
	7LY7M0	Techniques in Architectural Acoustics	4	5
				+
				30
Electives				15
7S45M0 Graduation Project BPS				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.
- You can follow one of the certificate programs if you are interested in the subjects of Construction Technology, Building Design & Technology and/or Circular Design in the Built Environment (see Education Guide).
- Graduation projects start every quartile and normally take 3 quartiles to complete.

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 new skills, and have fun! For BPS students there is Mollier. (mollier.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.

