

UNIVERSITY OF TWENTE.



ITC, ENSCHEDE, THE NETHERLANDS

Thesis semester kick-off



FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION



UNIVERSITY OF TWENTE.



TECHNISCHE
UNIVERSITÄT
DRESDEN

3

2



Cartography M.Sc.

Technical
University
of Munich



TECHNISCHE
UNIVERSITÄT
WIEN
Vienna University of Technology

1



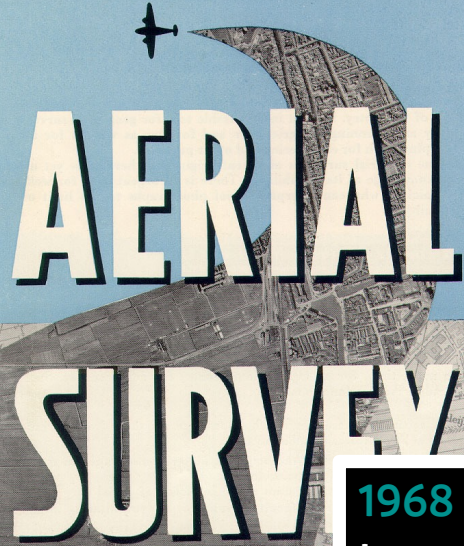
UNIVERSITY OF TWENTE.

ITC FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION



UNIVERSITY
OF TWENTE.
FACULTY ITC

INTERNATIONAL TRAINING CENTRE FOR



AERIAL SURVEY

1950

International
Training Centre
for Aerial
Survey, ITC

1968

International
Institute for
Aerial Survey
and Earth
Sciences, ITC

1985

International
Institute for
Aerospace
Survey and
Earth Sciences,
ITC

2002

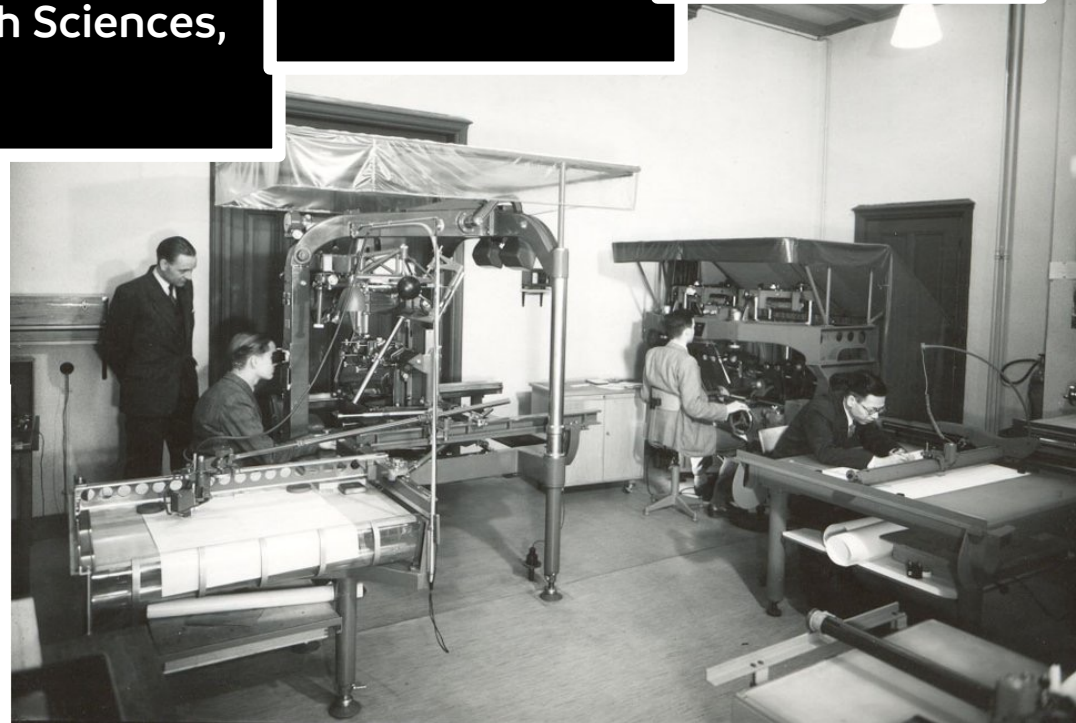
International
Institute for
Geo-Information
Science and
Earth
Observation, ITC

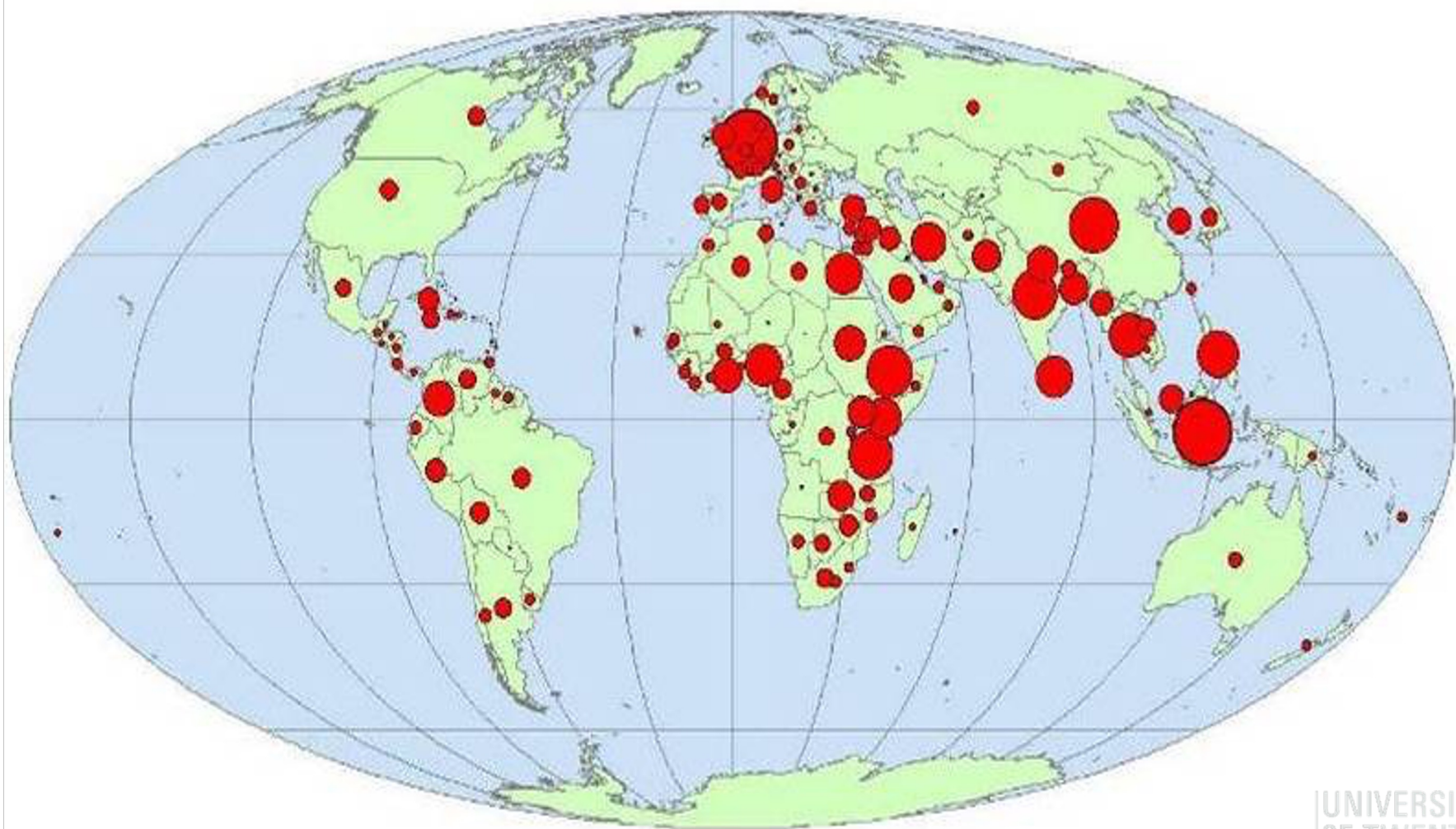
2010

Faculty of Geo-
Information
Science and
Earth
Observation,

University of
Twente

<https://www.itc.nl/alumni/70-years-of-ITC/>





MASTER PROGRAMMES OFFERED BY FACULTY ITC

MSc Geo-Information Science and Earth Observation

MSc Spatial Engineering

MSc Geographical Information Management and Applications (GIMA) – blended learning / joint programme

... and other (smaller) programmes and courses

and of course partner in



Cartography M.Sc.

EDUCATION PARTNERSHIPS ITC





UT / ITC

PARTNER IN INTERNATIONAL MSC CARTOGRAPHY

(CARTO)GRAPHIC STAFF:



Prof. Menno-Jan Kraak
Local Director



Paulo
Raposo



Barend Köbben
Local Coordinator

b.j.kobben@utwente.nl



Yuri Engelhardt



Intro days programme

see PDF



FACILITIES

Well equipped building:

- Lecture rooms
- MSc rooms
- Auditorium
- State-of-the-art computer facilities
- Laboratory facilities
- Restaurant
- Library

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FACILITIES

LODGING ACCOMMODATION

- Well furnished rooms or apartments

STUDENT SUPPORT

- Student affairs office
- Sports and social activities
- Lifelong e-mail accounts

See one of our latest YouTube movies:

<https://www.youtube.com/watch?v=WPjF-aklxNs>

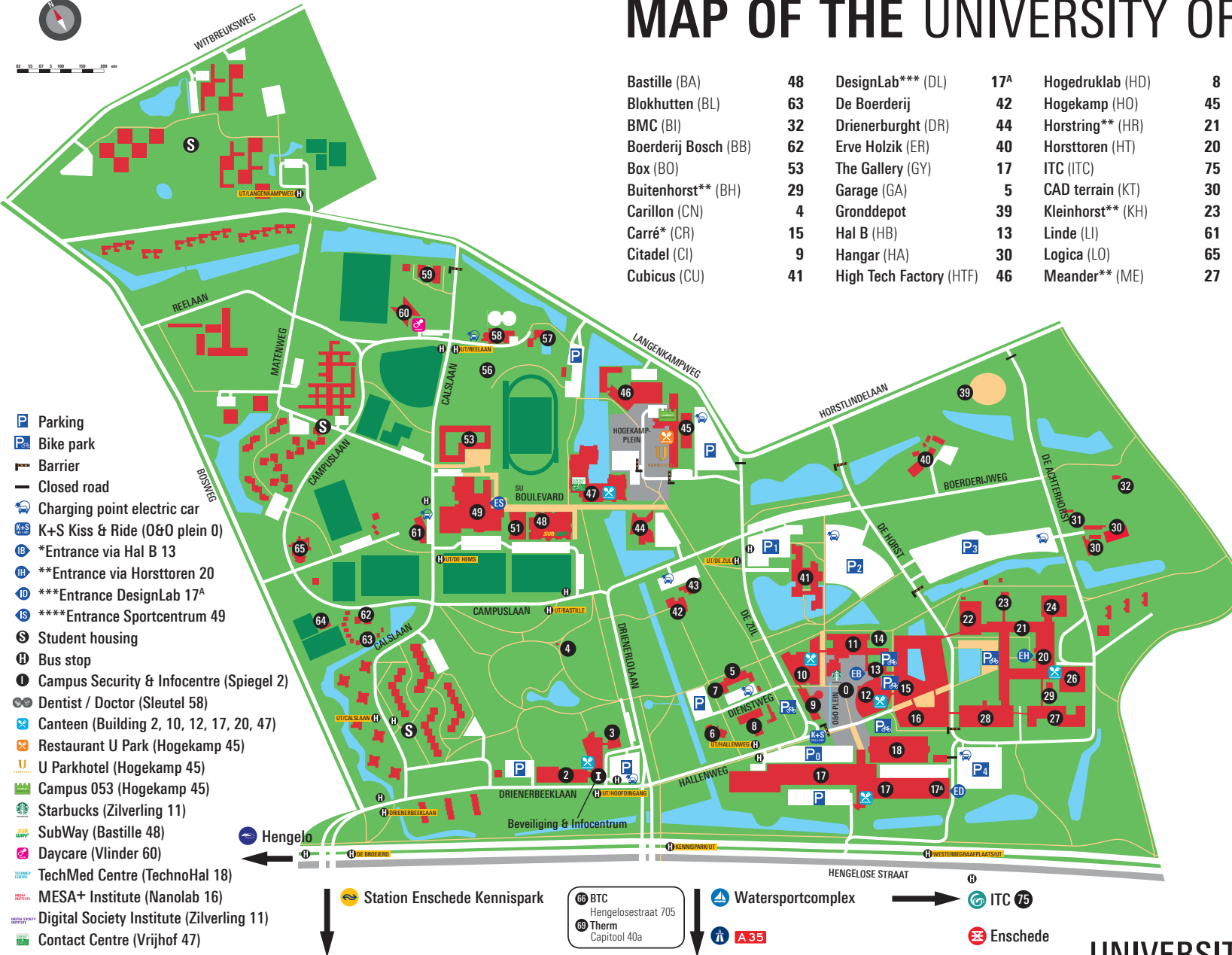
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MAP OF THE UNIVERSITY OF TWENTE

Bastille (BA)	48	DesignLab*** (DL)	17 ^A	Hogedruklab (HD)	8	Mondriaan (MO)	59
Blokhutten (BL)	63	De Boerderij	42	Hogekamp (HO)	45	Nanolab* (NL)	16
BMC (BI)	32	Drienerburght (DR)	44	Horstring** (HR)	21	Noordhorst** (NH)	24
Boerderij Bosch (BB)	62	Erve Holzik (ER)	40	Horsttoren (HT)	20	O&O plein (OO)	0
Box (BO)	53	The Gallery (GY)	17	ITC (ITC)	75	Oosthorst** (OH)	26
Buitenhorst** (BH)	29	Garage (GA)	5	CAD terrain (KT)	30	Openluchttheater (OUT)	56
Carillon (CN)	4	Gronddepot	39	Kleinhorst** (KH)	23	Paviljoen (PA)	6
Carré* (CR)	15	Hal B (HB)	13	Linde (LI)	61	Ravelijn (RA)	10
Citadel (CI)	9	Hangar (HA)	30	Logica (LO)	65	Schuur (SR)	43
Cubicus (CU)	41	High Tech Factory (HTF)	46	Meander** (ME)	27	Seinhuis (SH)	7

Sky (SK)	51
Sleutel (SL)	58
Spiegel (SP)	2
Sportcentrum**** (SC)	49
Stall (ST)	63
TechMed Centre (TMC)	18
Technohal (TL)	18
Teehuis (TH)	14
Tennispark (TP)	64
The Gallery (GY)	17
Trial-terrain (TT)	39
U Parkhotel (UP)	45
Vleugel (VL)	3
Vlinder (VI)	60
Vrijhof (VR)	47
Waaier* (WA)	12
Westhorst** (WH)	22
Windpark (WP)	31
Zilverling (ZI)	11
Zuidhorst** (ZH)	28
Zwembad binnen (ZW)	49
Zwembad buiten (ZW)	57



DOWNLOAD THE
CAMPUS APP!
App Store Google Play

UNIVERSITY OF TWENTE.

ENSCHEDÉ

SMALL REGIONAL CENTRE

- 160.000 inhabitants
- lively student city & campus
- shopping and cultural centre

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TWENTE REGION

GREEN & RURAL SURROUNDINGS

- bordering Germany
- great for hiking & biking
- even sometimes "hilly" ...!

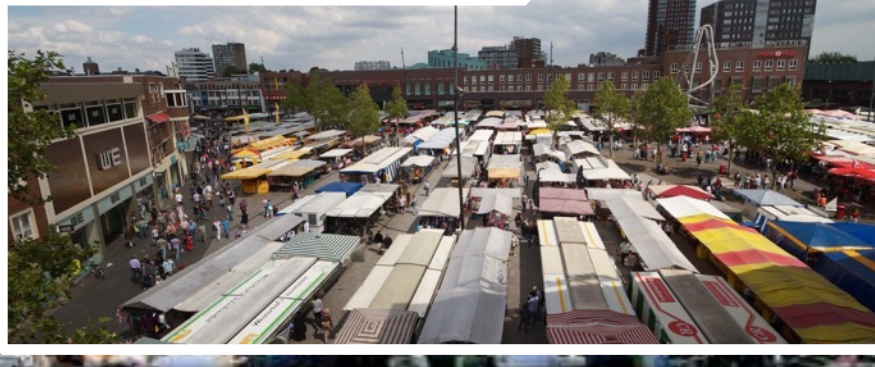
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TWENTE REGION

GREEN & RURAL SURROUNDINGS

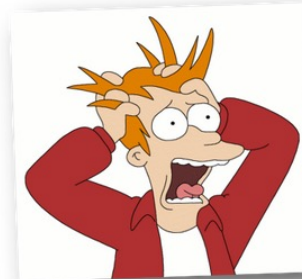
- bordering Germany
- great for hiking & biking
- even sometimes "hilly" ...!





Timeline

1 April	Official start of semester 4
25 Apr	Deadline for Extended Research Proposal (ERP).
Begin May	ERP defenses: <ul style="list-style-type: none">• 5 May: TUD+TUM• 6 May: TUM• 7 May: TUW• 8 May: TUW• 9 May: UT
23 - 27 June	Midterm presentations: June 23 TUW, 24 TUD, 26 TUM, 27 UT
5 Sep	Deadline for submitting final thesis
End Sep	Thesis defences & assessment: <ul style="list-style-type: none">• 22 September @ TUM• 23 September @ UT• 24 September @ TUD• 26 September @ TUW





The Extended Research Proposal -- Defense

- The Proposal Assessment Board:
 - Your supervisor
 - Chair (responsible professor)
 - Reviewer (from other University)
 - They've studied your written proposal beforehand
- 10 min presentation by you
- 10-15 min discussion with the board
- Board decides on a result



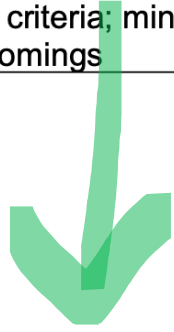

The Extended Research Proposal -- Result

The Proposal Assessment Board agreed that:

(Tick the appropriate boxes and fill in where required)

- ☐ The MSc Research Proposal has been checked for plagiarism.

The following mark is assigned to the MSc Research Proposal:

Fail		Completed	
Very weak	Weak	Sufficient	Good
....
Major shortcomings; not likely to overcome	Major shortcomings; possible to overcome	Complies with the above criteria; minor shortcomings	Complies with the above criteria
Main comments:			
   			
<p>No-Go...</p> <p>refine (before xx May)</p> <p>Go on, but take remarks into account...</p> <p>Excellent, go on!</p>			



Writing the thesis – getting there

Work with your supervisor...!

Regular meetings with the group (students & coordinator)
=> any ideas on how often, when...?

Available resources: ITC specific (see site*): e.g. academic skills workbook, library skills, etc.

- The ITC thesis template [[Word](#) | [LaTeX](#)]. This is used in the M-GEO course at ITC to layout and format the thesis. You can (but do not have to) use this, but remember that any layout you choose has to be preceded by the MSc Carto Coverpage you can find on the [thesis page](#) (or directly download [here](#)).
- At ITC we have published a thesis research guide titled "Research Concepts & Skills". It is an elaborate guide that helps you in theoretical concepts (e.g. regarding types of logic) as well as practical things (e.g. citation rules):
 - Volume 1: Concepts [\[PDF\]](#)
 - Volume 2: Skills [\[PDF\]](#)

*the go-to site is: <https://kartoweb.itc.nl/msc-carto-thesis>

Stage 3 (± 2.5 months)

Thesis should about 50 pages (excluding appendices). You use the thesis template of the partner university where the thesis is written, with a common MSc Cartography cover

The complete and final thesis must be submitted to the Thesis Coordinator and to the members of the Thesis Assessment Board at least two weeks before the oral thesis defence

The **standard** deadline for thesis submission is 5 September.

The thesis defenses take place two or more weeks after the submission of the complete thesis (22-26 September 2025)