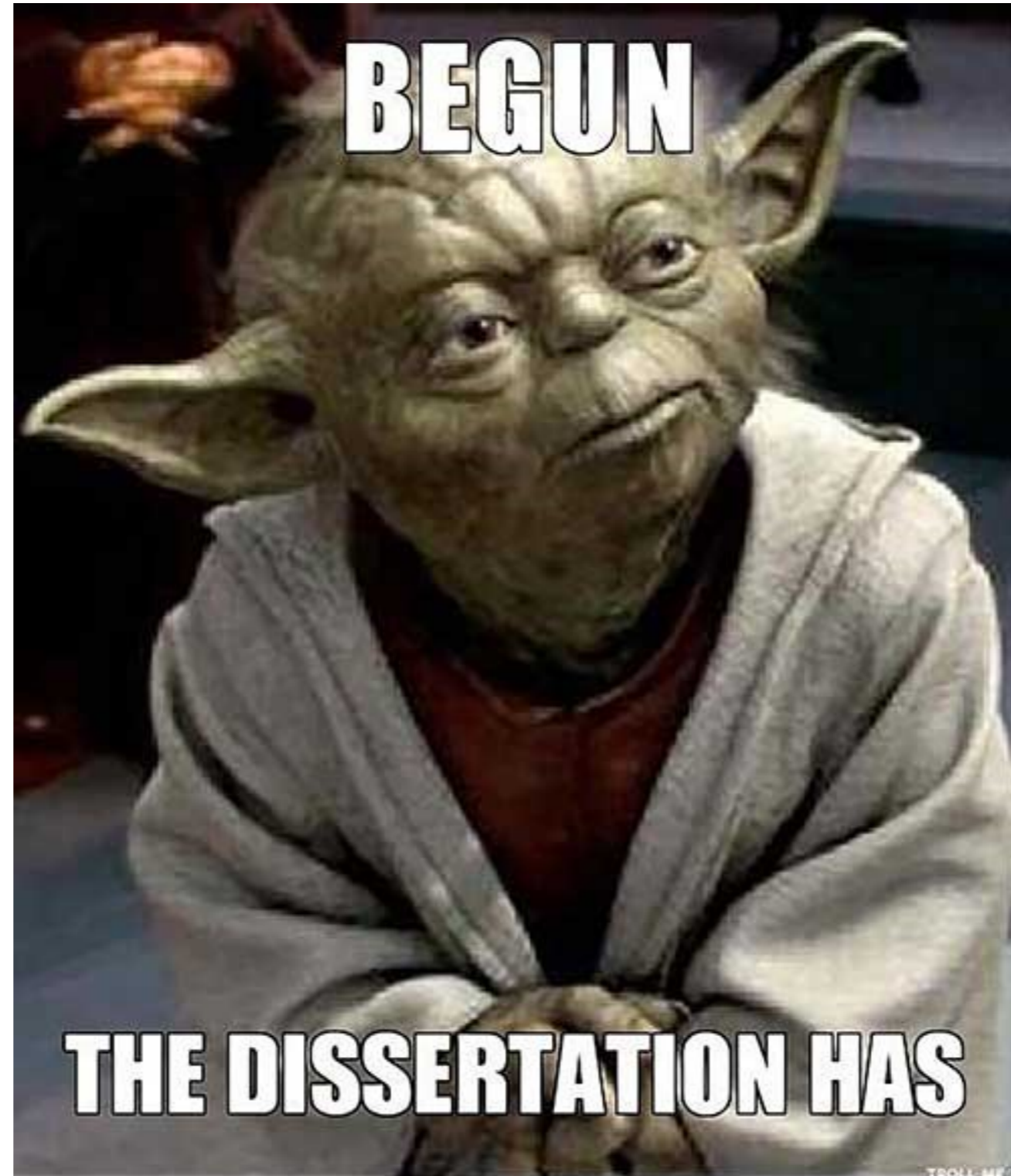


# INFO SESSION MASTER'S DISSERTATION

Chantal Hongenaert

27/03/2023

# YOUR MASTER'S DISSERTATION: WHAT DO YOU NEED TO KNOW?



# YOUR MASTER'S DISSERTATION: WHAT DO YOU NEED TO KNOW?

- Timeline: what do you do when?
- How does the selection and assignment process work?
- How do we communicate?
- What is the master's dissertation aiming for (competences)?
- What can you expect from a promotor and tutor?
- What are your student rights and obligations?
- Scientific communication (Galileo, scientific integrity, template)?
- How will you be assessed?
- What do you do if something goes wrong?

# YOUR MASTER'S DISSERTATION: WHAT DO YOU NEED TO KNOW?

- All information can be found on the faculty website : <https://www.ugent.be/bw/en>



Education Research Facilities About the faculty Contact Information for 

Students

Prospective students

Alumni

Employees 

## For prospective students

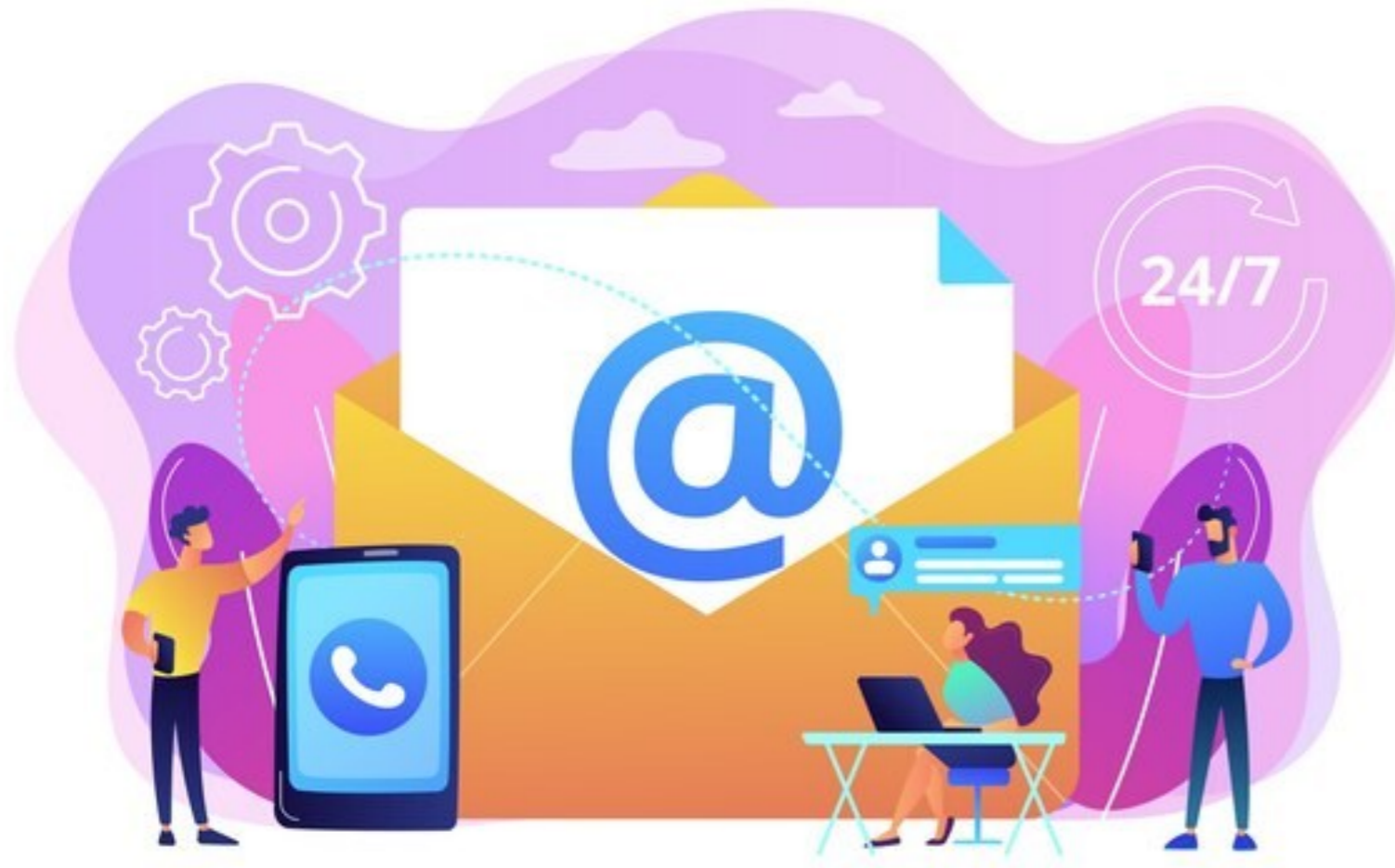
- Bachelor Degree programmes
- Master Degree Programmes
- Obtaining a PhD
- Short trainings

## For current students

- Course schedule in Oasis
- Elective courses
- Personalized Learning Track
- Master's dissertation



# YOUR MASTER'S DISSERTATION: WHAT DO YOU NEED TO KNOW?



How will we communicate?

➤ Via mail

[Masterdissertation.fbw@ugent.be](mailto:Masterdissertation.fbw@ugent.be)

➤ Via Ufora

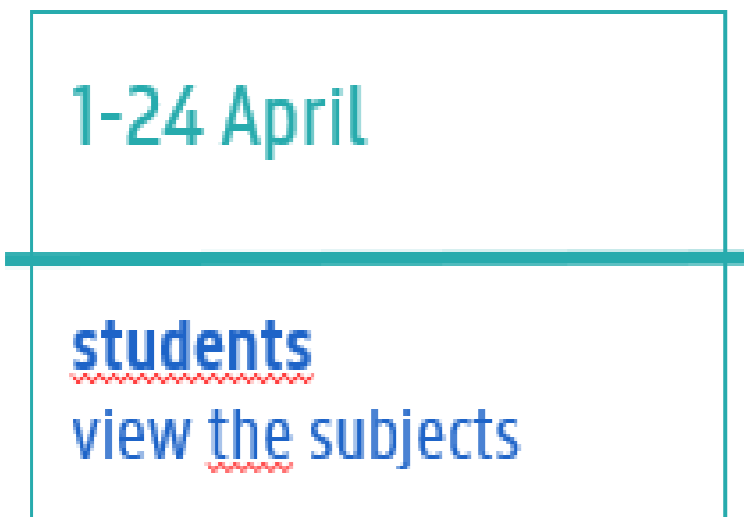
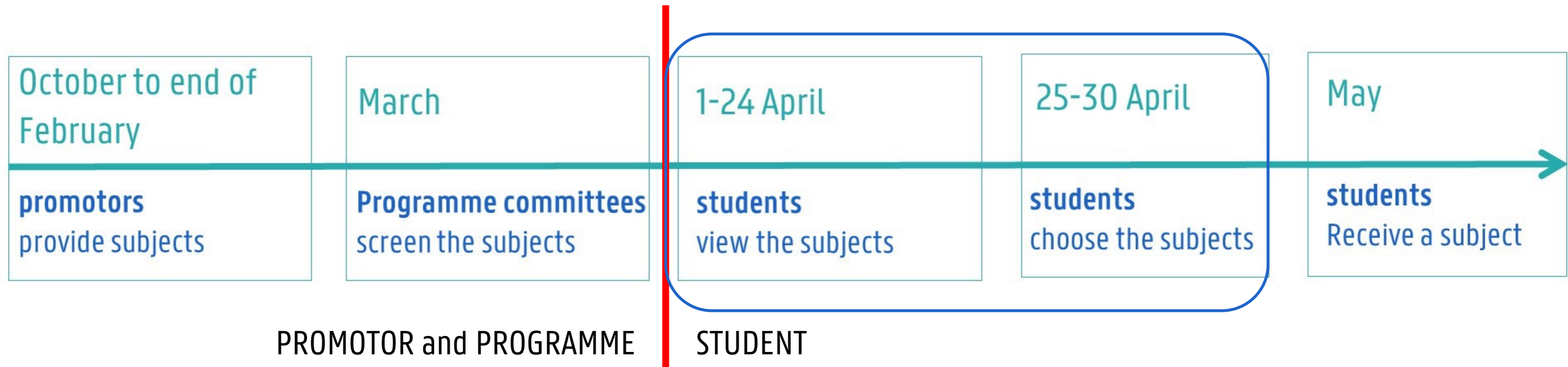
➤ Faculty infosite

➤ Master infosite

→ check your announcements!



# TIMELINE: SELECTION AND ASSIGNMENT OF THE SUBJECT



View the subjects in the [application](#):

<https://masterthesis-bw.ugent.be/en/onderwerpen/aanbod>

# TIMELINE: SELECTION AND ASSIGNMENT OF THE SUBJECT

1-24 April

students  
view the subjects

View the subjects in the [application](#):

MASTERTHESIS-BW

HOME TOPICS

## Overview master's dissertation topics

intro overview my topics

intro promotor department keywords all topics preferences

Using **the tabs** on this page, you can search for subjects by :

- Promotor
- Department
- Keyword





# TIMELINE: SELECTION AND ASSIGNMENT OF THE SUBJECT

1-24 April

**students**  
view the subjects

## Overview master's dissertation topics

intro overview my topics

intro promotor department keywords all topics **my preferences**

Title

Faithful attraction: Predicting Ulva reproduction based on temporal shifts in bacterial density and composition

➤ Shortlist of topics will appear under 'my preferences'

**To do:**

➤ Contact the promotor and tutor before you choose!



UNIVERSITEIT  
GENT

# TIMELINE: SELECTION AND ASSIGNMENT OF THE SUBJECT

25-30 April

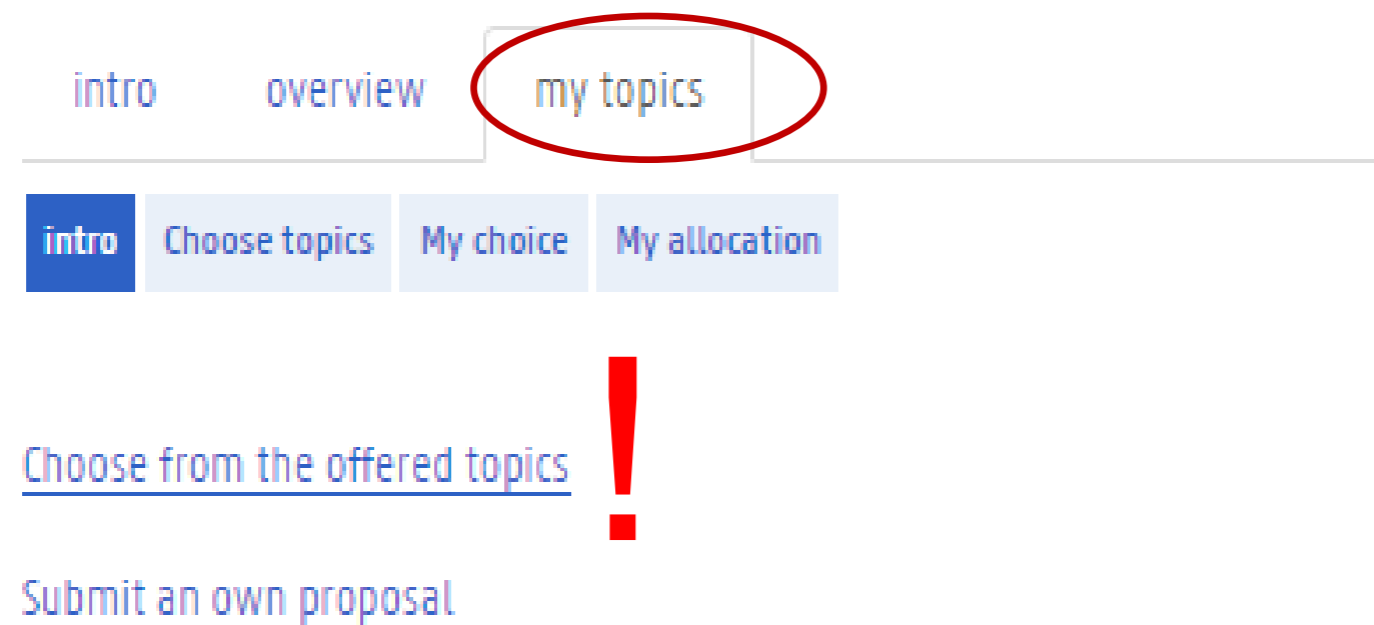


students  
choose the subjects

Choose the subjects in the application:

<https://masterthesis-bw.ugent.be/en/onderwerpen/aanbod>

Choose **3** subjects from the list in order of priority or submit **your own subject**



- Find your own promotor
- Mail to [masterdissertation.fbw@ugent.be](mailto:masterdissertation.fbw@ugent.be)
- Screening by OC
- Release by FSA

# ENTRY SCREEN 3 CHOICES

intro overview **my topics**

**intro** Choose topics My choice My allocation

[I want to propose an own topic in stead](#)

**Choice 1 (highest priority)**

Biogeochemical recovery of secondary forests in the Congo Basin ▼

**Motivation choice 1**

**Choice 2**

Evaluating ground measurements of tree height in the Congo Basin through comparison with airborne data ▼

**Motivation choice 2**

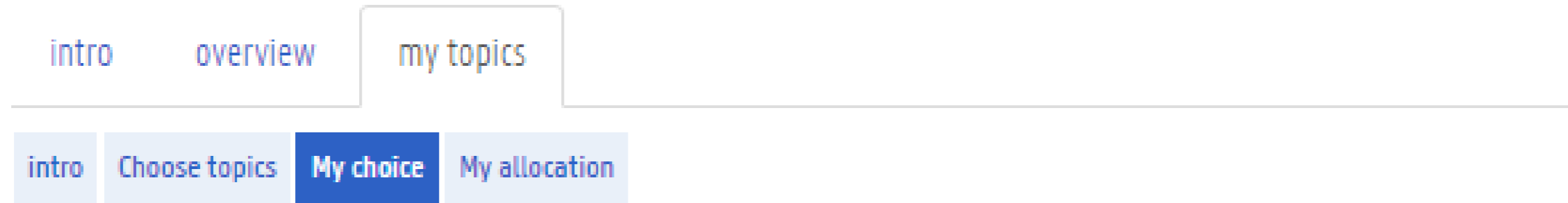
**Choice 3**

Evolution of hyperdominance in Congolese tree flora using soil charcoal identification ▼

**Motivation choice 3**

Submit

# PREVIEW SCREEN 'MY CHOICE'



## Choice 1

Biogeochemical recovery of secondary forests in the Congo Basin

## Choice 2

Evaluating ground measurements of tree height in the Congo Basin through comparison with airborne data

## Choice 3

Evolution of hyperdominance in Congolese tree flora using soil charcoal identification


# ENTRY SCREEN SUBMISSION OWN PROPOSAL

intro overview **my topics**

**intro** Choose topics My choice My allocation











[I want to choose from the offered topics in stead](#)


Language

Dutch 

Title

Description

**B** *I*  $\times_2$   $\times^2$   $\Omega$         Paragraph    Source

Rasir HTML 

[About text formats](#)

The description can contain max. 2000 characters

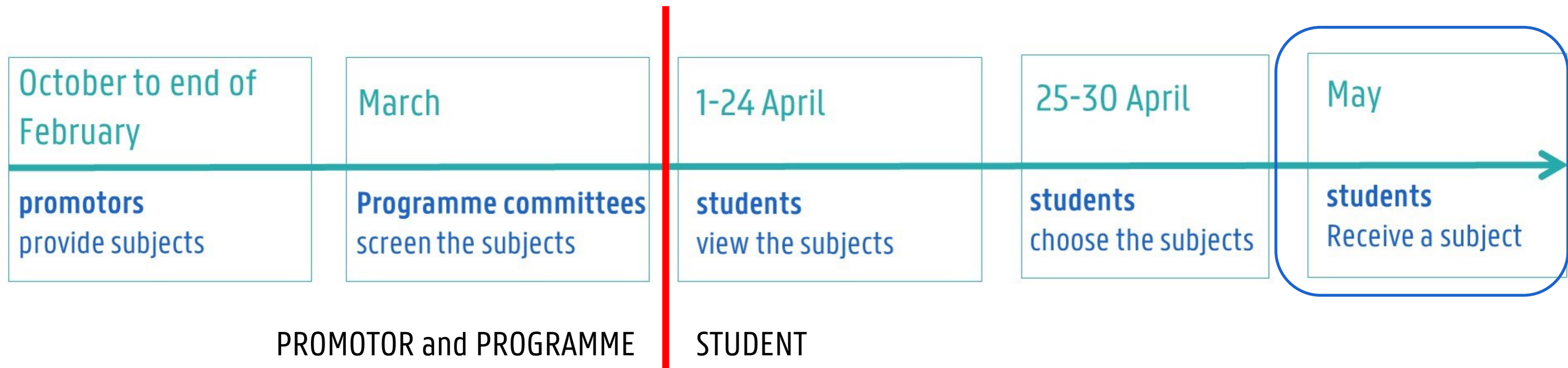
Keywords

Confidential

- No  
 Yes

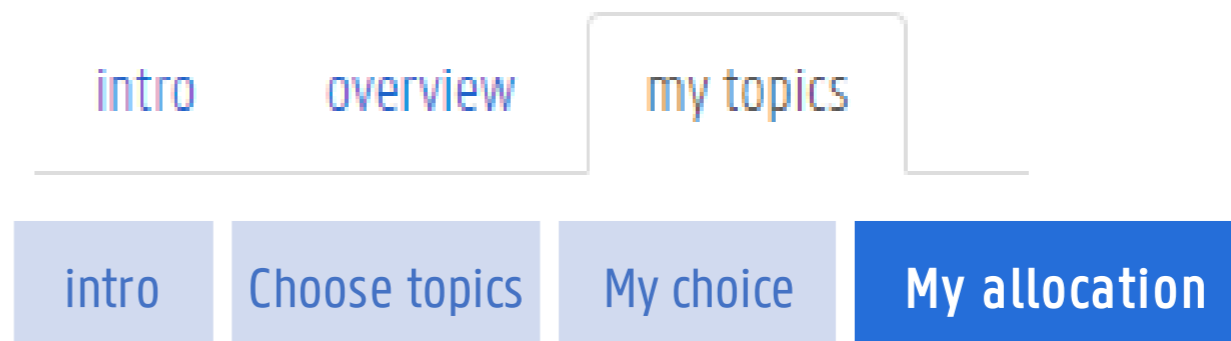


# TIMELINE: SELECTION AND ASSIGNMENT OF THE SUBJECT



→ Promotor assigns the subject!

→ Announcement via UFORA → application



# TIMELINE: SELECTION AND ASSIGNMENT OF THE SUBJECT

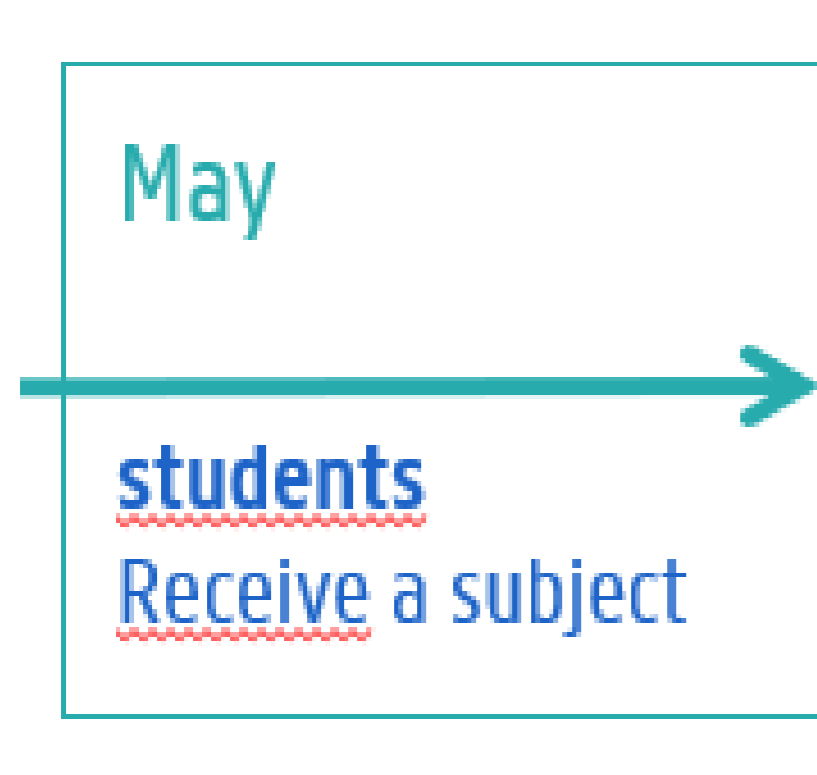
May

students  
Receive a subject



**ENGAGEMENT BETWEEN PROMOTOR AND STUDENT**

# TIMELINE: SELECTION AND ASSIGNMENT OF THE SUBJECT

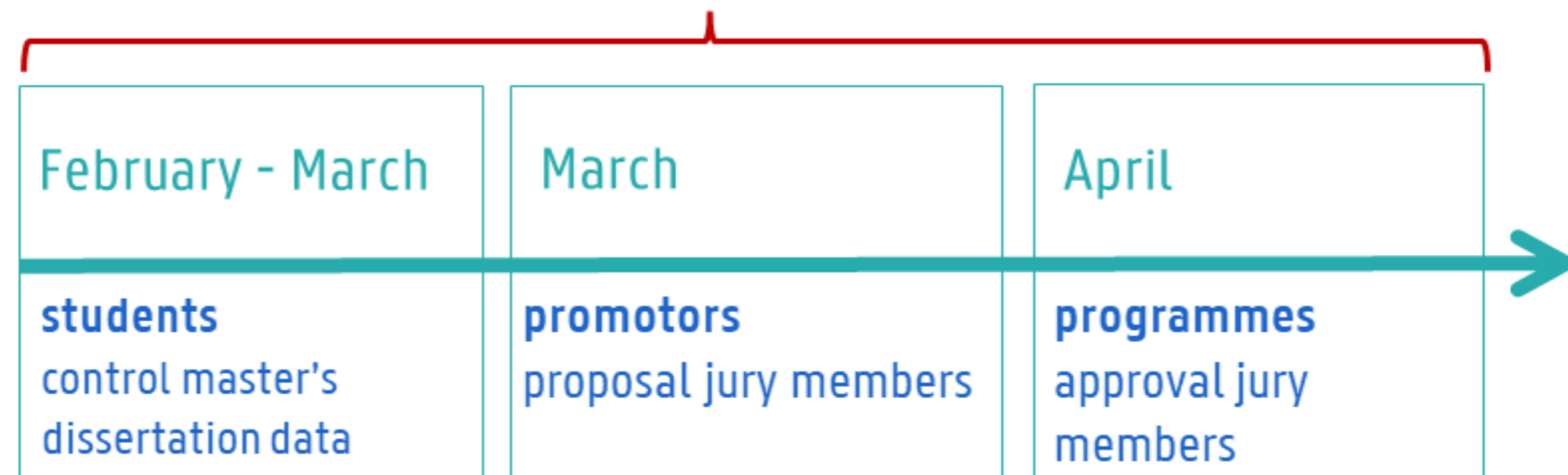
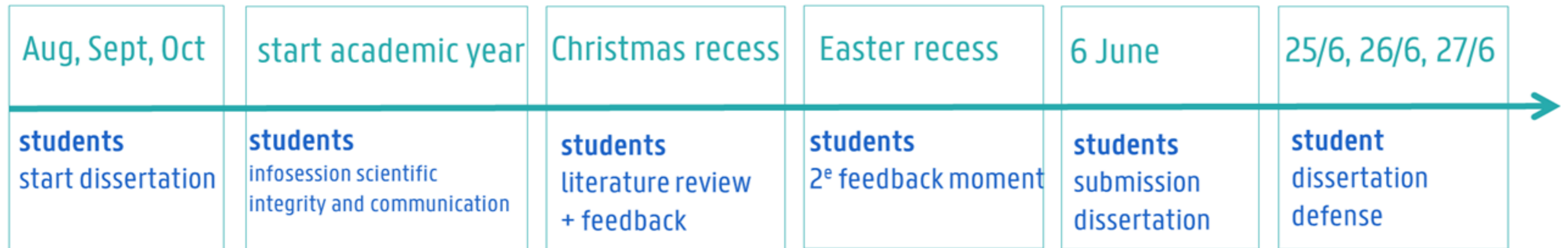


Contact your promotor and tutor for further arrangements

- Send a mail in the week of the catch-up activities
- Set the starting date
- Special status and related facilities?
- Ethics approval?
- Collaboration with a company → master's dissertation contract



# GETTING STARTED WITH YOUR MASTER'S DISSERTATION: THE PROCESS





# GETTING STARTED WITH YOUR MASTER'S DISSERTATION



**Master's dissertation = the capstone of your programme (30SP)**



# Learning outcomes

- 1 Establish a well-defined research problem
- 2 Define/Formulate clear research questions and/or hypotheses
- 3 Establish a **suitable methodology** in accordance with the prevailing scientific standards of the research field
- 4 Systematically collect, search, critically interpret and integrate **scientific literature**
- 5 Collect data in an accurate way (existing and/or obtained through personal laboratory and/or fieldwork and/or surveys)
- 6 **Process data in a correct way**
- 7 Analyze data critically in a scientific context
- 8 Adjust independently the research process based on feedback from experts and critical self-assessment
- 9 Summarize and present data in a concise manner
- 10 **Write a report** on scientific and technical information, materials and methods, results and findings
- 11 Handle a problem critically, creatively **from an engineering perspective** with attention for ethical, social, international and sustainability aspects
- 12 Act according to the principles and good practices of **scientific integrity**
- 13 Show **independence, motivation, commitment, a drive for innovativeness and creativity, initiative and perseverance** to achieve learning outcomes 1 to 12
- 14 **Present, defend** and frame the research results vis-à-vis peers and experts

**Quantitatively** in case of non bio-engineer programmes



# GETTING STARTED WITH YOUR MASTER'S DISSERTATION: THE PROCESS



# GETTING STARTED WITH YOUR MASTER'S DISSERTATION: YOUR RIGHTS

YOUR master's dissertation → you are not in it alone

→ Guidance → identify planning and deadlines

→ Galileo

→ Dissertation report

→ Feed up, feedback, feedforward



# GETTING STARTED WITH YOUR MASTER'S DISSERTATION: YOUR OBLIGATIONS

YOUR master's dissertation → take control

- Follow information and communication: [faculty website](#) / [UFORA](#)
- Respect the agreements made in the lab/company
- Respect agreements with promotor/tutor → Record them!
- Use [Galileo](#)
- Act with (scientific) integrity
- You do the work
- Ask for help

*If not you,  
who?*

# GETTING STARTED WITH YOUR MASTER'S DISSERTATION: OUTPUT

## Written dissertation

→ requirements: see [website](#)

→ Personal work, some form of freedom

→ [Galileo](#)



GAI?

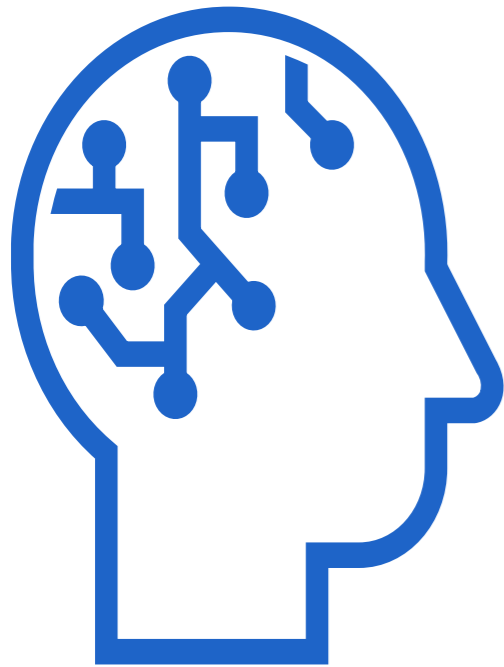
6 June

students  
submission  
dissertation



# AAN DE SLAG MET JE MASTERPROEF: OUPUT

GAI?



- Use it responsibly
  - ✓ Check the guidelines: dissertation report and GAI
- Respect the basic principles of scientific integrity:
  - ✓ Be transparant
  - ✓ Correct usage of sources and references
- Know the basic scientific literature
- **Be careful with confidential and personal privacy-sensitive information**

# GETTING STARTED WITH YOUR MASTER'S DISSERTATION: OUTPUT

## Defense

- requirements: see [website](#)
- Personal work, some form of freedom
- [Galileo](#)

25/6, 26/6, 27/6

student  
dissertation  
defense

# GETTING STARTED WITH YOUR MASTER'S DISSERTATION: ASSESSMENT



## PROCESS (30%)

Promotor (with input of tutor)



## REPORT (40% - 30%)

Reading commissioners



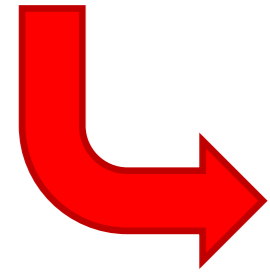
## DEFENSE (30% - 40%)

Full jury

- Chairman
- Secretary
- Promotor
- 2 commissioners

# GETTING STARTED WITH YOUR MASTER'S DISSERTATION

What to do with problems?



Working environment  
Relation with promotor/tutor  
Scientific integrity  
Student rights and obligations  
...

## COUPURE



[Luc.Tirry@UGent.be](mailto:Luc.Tirry@UGent.be)

[OMBUDSPERSON](#)

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< facultaire dienst ondersteuning >

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