



# BRIEFING

## Final Thesis (TFG-TFM)

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# OUTLINE

- ESEIAAT degrees
- Important considerations
- Final thesis process
- Final thesis documents
- Typical report structure
- Useful links



## ESEIAAT degrees

- Bachelor's degree in Ind. Design and Product Development
- Bachelor's degree in Industrial Technology Engineering
- Bachelor's degree in Electrical Engineering
- Bachelor's degree in Ind. Electr. and Automatic Control Eng.
- Bachelor's degree in Mechanical Engineering
- Bachelor's degree in Chemical Engineering
- Bachelor's degree in Textile Technology and Design
- Bachelor's degree in Industrial Engineering. BDIE
- Bachelor's degree in Aerospace Technology Eng. BDAE
- Bachelor's degree in Aerospace Vehicle Engineering
- Bachelor's degree in Audiovisual Systems



# ESEIAAT degrees

- Master's degree in Industrial Engineering. MDIE
- Master's degree in Aerospace Engineering. MDAE
- Master's degree in Textile Design and Technology. MUDTT
- Master's degree in Paper and Graphics Technology. MDPGT
- Master's degree in Aut. Sys. and Ind. Electr. Eng. MUESAEI
- Master's degree in Space and Aeronautical Eng. MASE
- Master's degree in Management Engineering. MDE
- Master's degree in Technology and Eng. Management. MEM
- Master's degree in Research in Mechanical Engineering

# IMPORTANT CONSIDERATIONS

Estimated workload 25h/ECTS:

	<b>ECTS</b>	<b>Estimated hours</b>
GRETI, GRETA, MUEI, MUEA, MUEO	12 ECTS	300h
MASE	14 ECTS	350h
MUEASAEI	15 ECTS	375h
MUDTT, UTPiG	18 ECTS	450h
MEM	30 ECTS	750h
OTHERS	24 ECTS	600h
GRETI, GRETA, MUEI, MUEA, MUEO	12 ECTS	300h



# IMPORTANT CONSIDERATIONS

- Thesis directors must be ESEIAAT's lecturers.
- The director of the Bachelor thesis is a member of the Review Panel.
- The director of the Master thesis is not a member of the Review Panel but provides an assessment report.
- Thesis presentation: 20 minutes.
- Evaluation: documentation + oral presentation.

# IMPORTANT CONSIDERATIONS

40%

Overall:

- coherence and clarity between objective and results
- use of critical thinking
- originality and innovation
- correlation between theory and practice

10%

Convincing theoretical foundations and exposition of advances achieved

30%

Defence:

- communication skills
- slides
- adherence to allotted time

10%

Appropriateness of the methodology in relation to the subject matter

10%

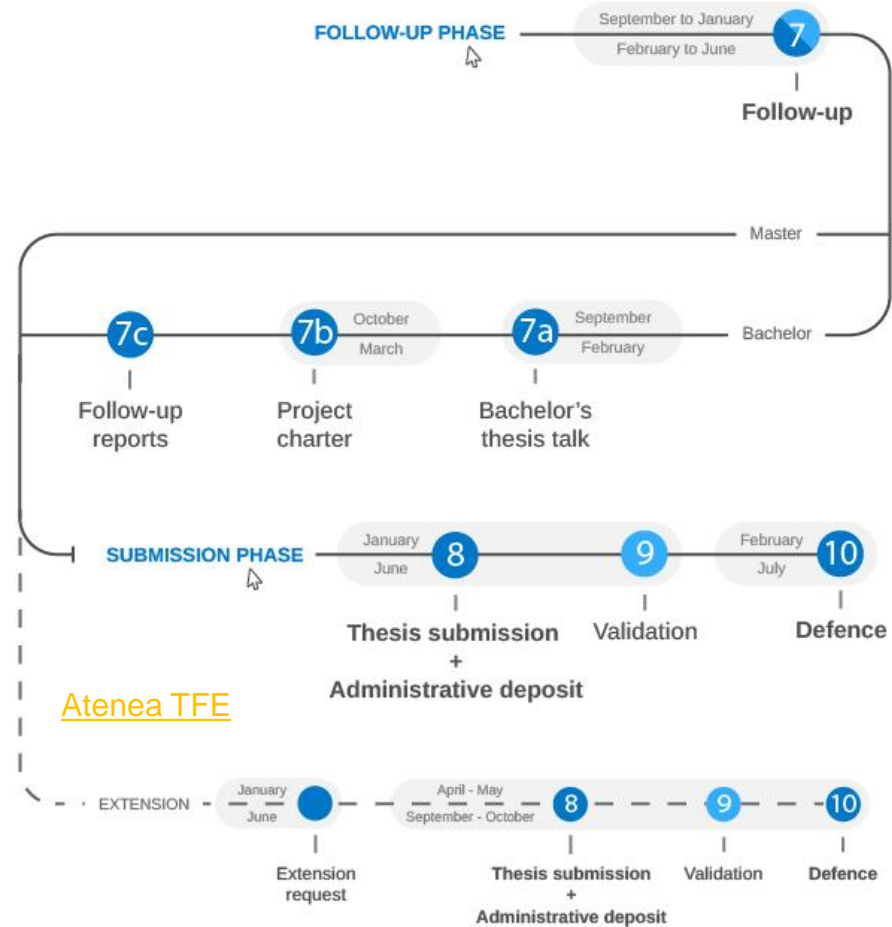
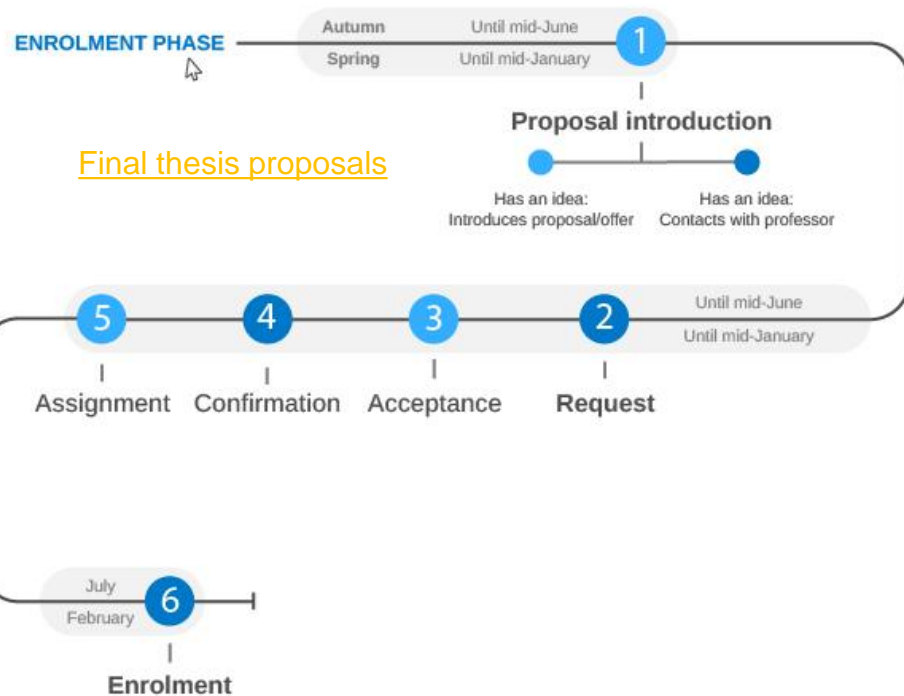
Formal aspects :

- structure of the thesis
- writing
- bibliographical references

# FINAL THESIS PROCESS

## FINAL THESIS PROCESS

● Professor ● Student









# FINAL THESIS PROCESS

## ACCES TO ALL FINAL THESIS INFORMATION:

<https://eseiaat.upc.edu/en/current-course/final-thesis>

The screenshot shows the website for the School of Industrial, Aerospace and Audiovisual Engineering of Terrassa (ESEIAAT). The page is titled "Final Thesis" and provides a comprehensive overview of the process. The navigation menu includes "School", "Current course", "Programmes", "Business", "International", "Research", "Services", "Prospective Students", and "Students Projects". The "Current course" menu is expanded, showing options like "Academic Calendar", "Exams Calendar", "Timetables", "Enrolment", "Course guide", "Academic regulations", "Curs actual", and "Final Thesis". The "Final Thesis" section is highlighted, and a sub-menu is visible with "Title selection / Enrolment", "Follow-up and supervision", and "Submission and defence". The main content area is titled "Final Thesis" and features a "FINAL THESIS PROCES" section with three columns: "TITLE SELECTION / ENROLMENT", "FOLLOW-UP AND SUPERVISION", and "SUBMISSION AND DEFENCE". Each column lists specific steps in the process.

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The School of **Industrial, Aerospace and Audiovisual Engineering of Terrassa**. ESEIAAT

School **Current course** Programmes Business International Research Services Prospective Students Students Projects

You are here: Home ▶ Current course ▶ Final Thesis

### Final Thesis

- Final Thesis proposals
- ATENEA TFE
- e-Secretaria
- demanaESEIAAT

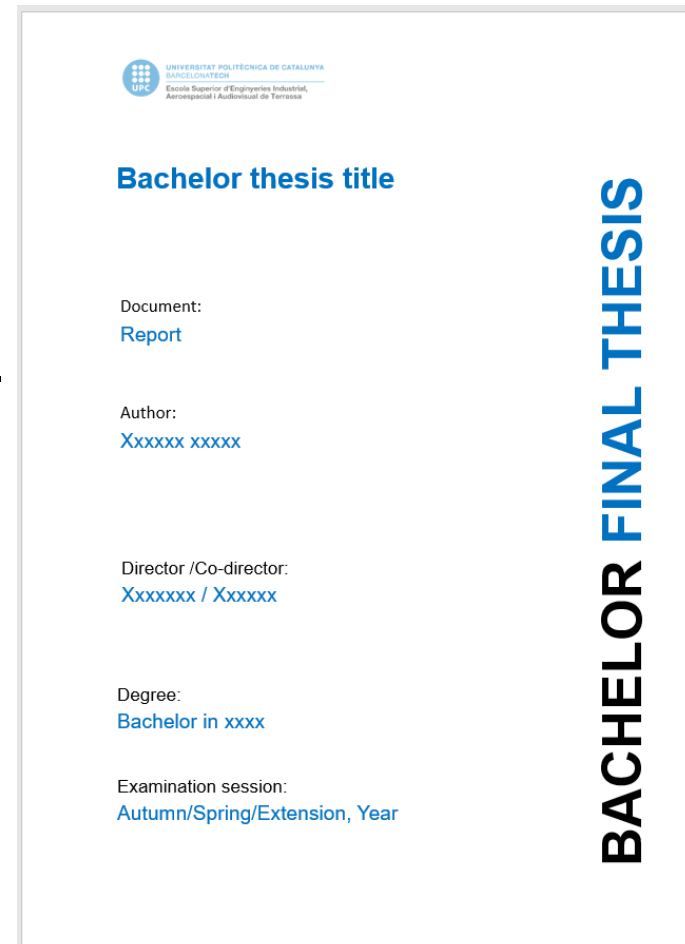
#### FINAL THESIS PROCES

TITLE SELECTION / ENROLMENT	FOLLOW-UP AND SUPERVISION	SUBMISSION AND DEFENCE
<ul style="list-style-type: none"><li>Title selection and assignment</li><li>Enrolment</li></ul>	<ul style="list-style-type: none"><li>Follow-up and supervision</li><li>Guidelines for a successful Thesis</li></ul>	<ul style="list-style-type: none"><li>Administrative deposit</li><li>Final thesis submission</li><li>Final thesis defence</li><li>Defences schedule</li><li>Intranet: directors and examination committee</li></ul>

# FINAL THESIS FILES

## COMPULSORY FILES:

- Report (all relevant information).
- Budget (cost of the suggested solution).
- TOR (Terms Of Reference) – For Projects.
- Annexes (if necessary).
- Drawings (if necessary).



The image shows a template for a Bachelor Final Thesis cover page. It features the UPC logo and name at the top left. The main title 'Bachelor thesis title' is in blue. Below it, there are fields for 'Document:', 'Author:', 'Director /Co-director:', 'Degree:', and 'Examination session:', each followed by a blue placeholder text. On the right side, the text 'BACHELOR FINAL THESIS' is written vertically in blue.

UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH  
Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa

**Bachelor thesis title**

Document:  
Report

Author:  
Xxxxxx xxxxx

Director /Co-director:  
Xxxxxxx / Xxxxxxx

Degree:  
Bachelor in xxxx

Examination session:  
Autumn/Spring/Extension, Year

**BACHELOR FINAL THESIS**



# FINAL THESIS FILES

## OTHER FILES:

- Self assessment report.



### Quality checklist

Student's name [Click here to enter text.](#)

Final thesis title: [Click here to enter text.](#)



#### Formal features – Format

- A1 – Cover formats
- A2 – Table of contents
- A3 – Summary of tables and figures
- A4 – Spelling/units
- A5 – Tables/figures
- A6 – Document formats
- A7 – Thesis length
- A8 – References
- A9 – List of documents

#### Formal features – Content

- B1 – Presentation of the problem
- B2 – Background and literature review
- B3 – Presentation and justification of solutions
- B4 – Compliance with the scope and specifications
- B5 – Economic, environmental and safety features
- B6 – Timing
- B7 – Conclusions and recommendations

#### Assessment criteria

Difficulty of the work	<input type="checkbox"/> Very high	<input type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Accomplishment of objectives	<input type="checkbox"/> Complete	<input type="checkbox"/> High	<input type="checkbox"/> Partial	
Support and monitoring by the professor	<input type="checkbox"/> Very high	<input type="checkbox"/> High	<input type="checkbox"/> Medium	<input type="checkbox"/> Low
Number of hours spent on the thesis	<input type="checkbox"/> More than 600	<input type="checkbox"/> More than 400	<input type="checkbox"/> More than 300	<input type="checkbox"/> Less than 300

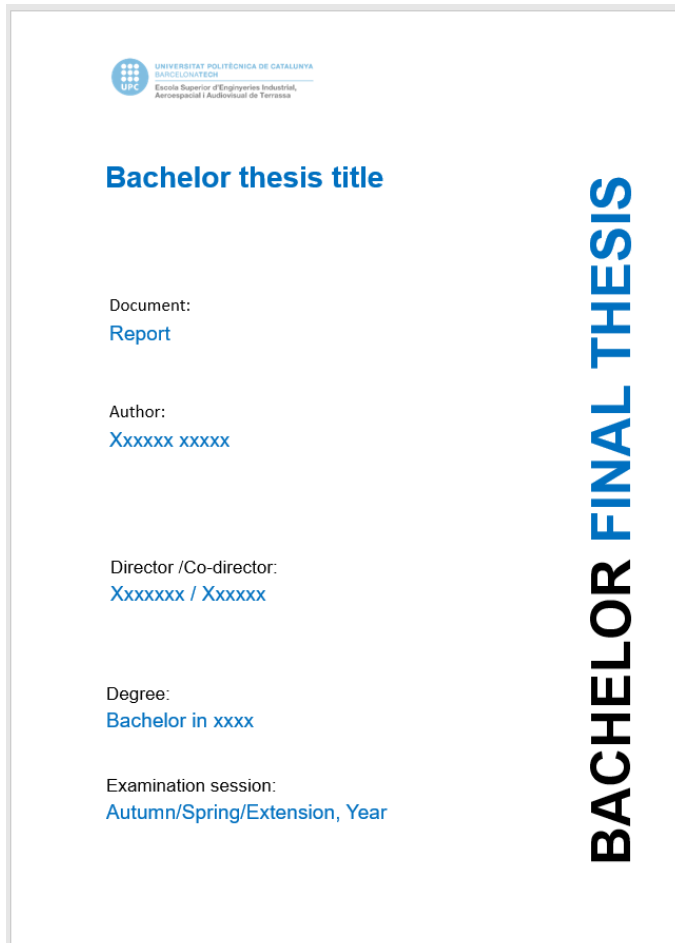
#### Other considerations:

[Click here to enter text.](#)


[Click here to enter a date.](#)

Student's signature

# TYPICAL REPORT STRUCTURE



The image shows a template for a Bachelor's Final Thesis cover page. It features the UPC logo and name at the top left. The main title 'Bachelor thesis title' is in blue. Below it, there are fields for 'Document: Report', 'Author: Xxxxxx xxxxx', 'Director /Co-director: Xxxxxxx / Xxxxxx', 'Degree: Bachelor in xxxx', and 'Examination session: Autumn/Spring/Extension, Year'. On the right side, the text 'BACHELOR FINAL THESIS' is written vertically in blue.

 UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH  
Escola Superior d'Enginyeries Industrial,  
Aeroespacial i Audiovisual de Terrassa

**Bachelor thesis title**

Document:  
Report

Author:  
Xxxxxx xxxxx

Director /Co-director:  
Xxxxxxx / Xxxxxx

Degree:  
Bachelor in xxxx

Examination session:  
Autumn/Spring/Extension, Year

**BACHELOR FINAL THESIS**

## INTRODUCTION

- Outline / Contents. List of figures; list of tables.
- Abstract (two languages).
- Aim of the thesis.
- Scope of the thesis.
- Requirements of the thesis (basic specs).
- Justification of the usefulness/need/opportunity of the thesis

## DEVELOPMENT

- Background and review of the state of the art, if necessary.
- Approach and decision on possible solutions.
- Development of the chosen solutions.

## SUMMARY OF RESULTS

- Summary of the budget, or economic feasibility study.
- Analysis (and assessment) of the environmental implications.
- Conclusions and recommendations of continuity.
- Planning and scheduling of the next stage.
- Bibliography, references and legislation.



# USEFUL LINKS

- [6 steps for the success of your final thesis](#)
- [BIBTips](#): workshops and webinars
- [Final thesis awards](#)
- [Mini-videos final thesis competition](#)



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