



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:

	ECTS	Estimated hours
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

The director of the final thesis validate the submission of the work so that it can be defended.

Bachelor thesis:

- ✓ The director of the Bachelor thesis is a member of the evaluation committee.
- ✓ The supervisor acts as the secretary of the evaluation committee.
- ✓ Monitoring of the bachelor thesis by the coordination. Project charter / 3 follow-ups (Atenea: Seguiment TFG)

Master thesis:

- ✓ The director of the Master thesis is not a member of the evaluation committee but provides an assessment report.
- ✓ There is no monitoring by the coordination. The Project Charter is not required.

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%

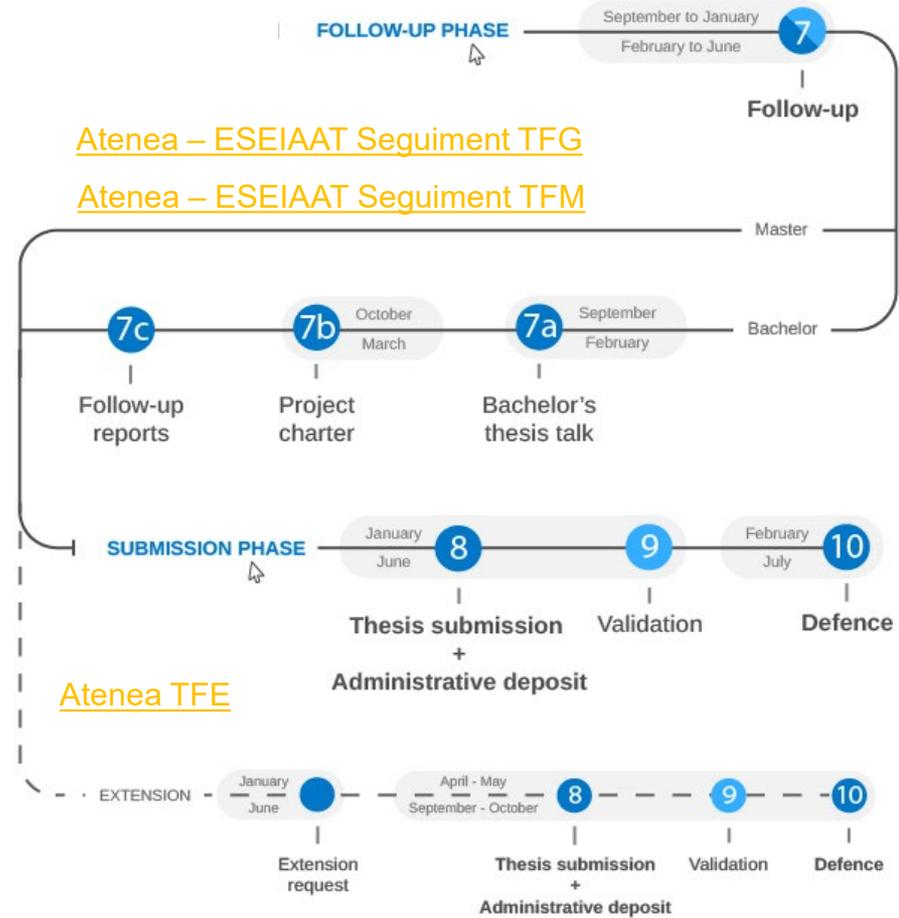
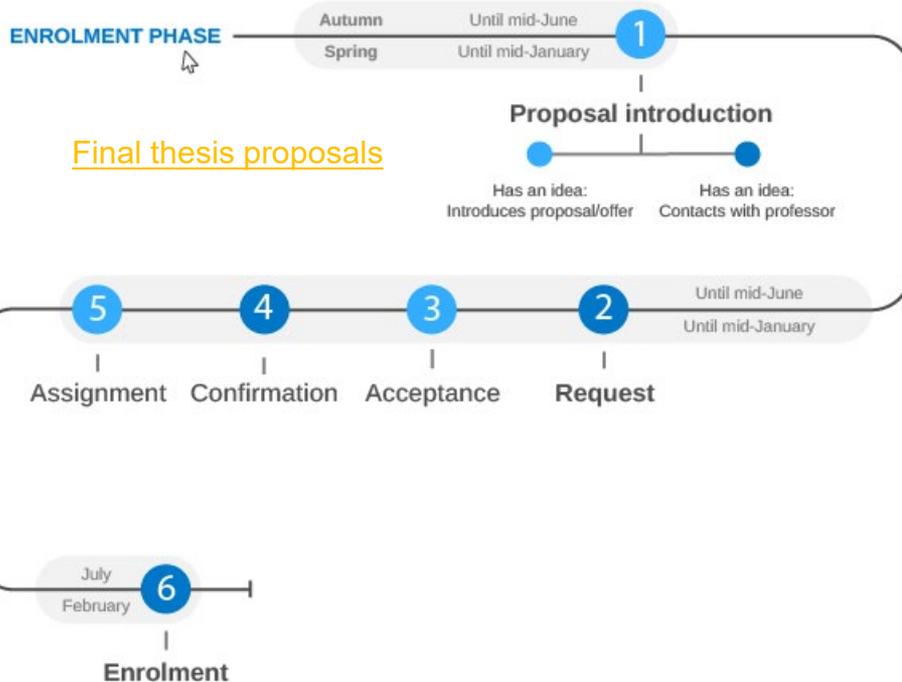
Formal aspects :

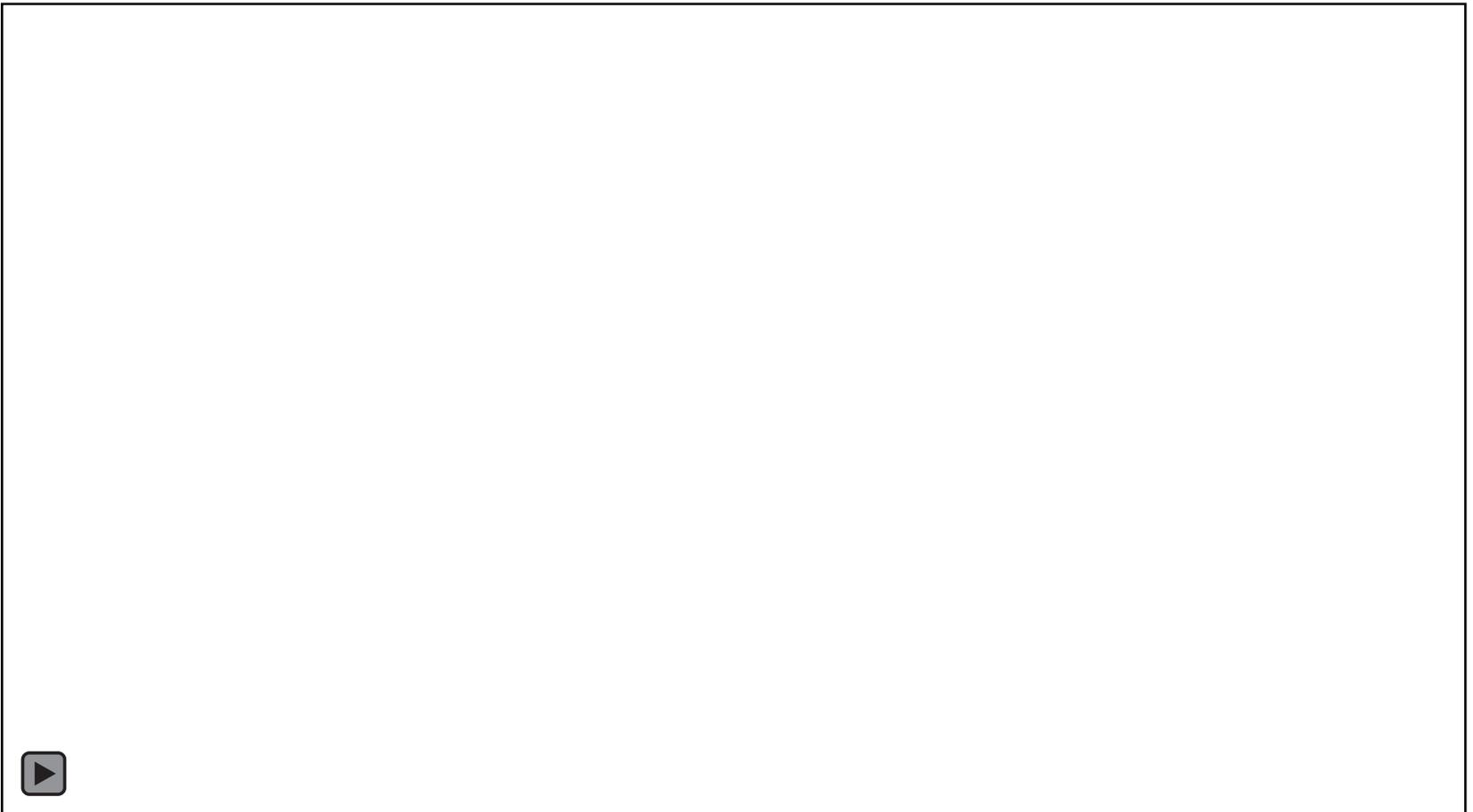
- structure of the thesis
- writing
- bibliographical references

FINAL THESIS PROCESS

FINAL THESIS PROCESS

● Professor ● Student







FINAL THESIS PROCESS

ACCES TO ALL FINAL THESIS INFORMATION:



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

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

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School

Current course ▶

- Academic Calendar
- Exams Calendar
- Timetables
- Enrolment
- Course guide
- Academic regulations
- Curs actual
- Final Thesis** ▶
- Title selection / Enrolment
- Follow-up and supervision
- Submission and defence

Final Thesis ↩





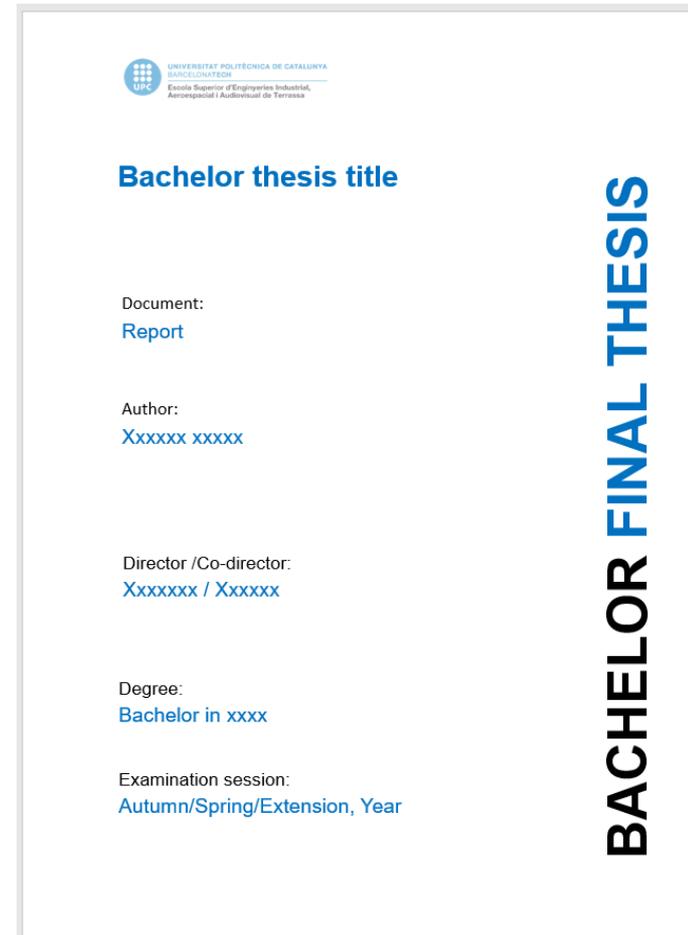

FINAL THESIS PROCES

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

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,
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Bachelor thesis title

Document:
Report

Author:
Xxxxxx xxxxx

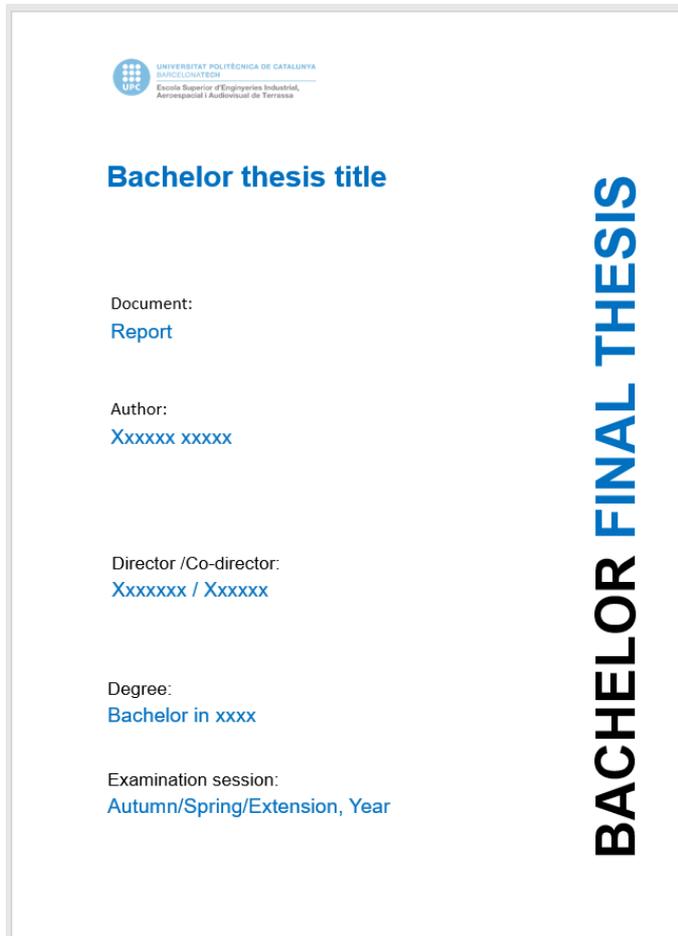
Director /Co-director:
Xxxxxxx / Xxxxxxx

Degree:
Bachelor in xxxx

Examination session:
Autumn/Spring/Extension, Year

BACHELOR FINAL THESIS

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 title 'Bachelor thesis title' is prominently displayed. 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'. A vertical label 'BACHELOR FINAL THESIS' is positioned on the right side of the page.

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

- [CampusLab](#): TFE proposals linked to the UPC campuses.
- [BIBTips](#): workshops and webinars
- [6 steps for the success of your final thesis](#)
- [Final thesis awards](#)
- [Mini-videos final thesis competition](#)



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