

Artificial Intelligence & Computing PhD Programs

Academic regulations review

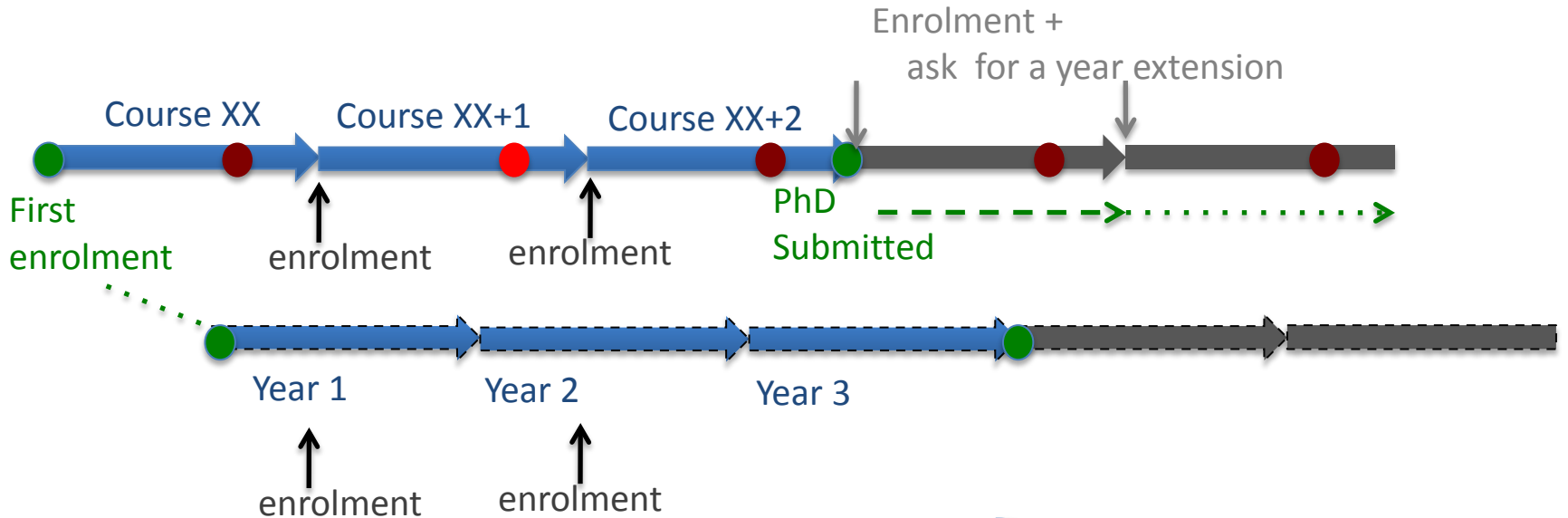


Scope

- *Advanced training for research*, specific and cross-disciplinary activities such as: courses/seminars/tutorials/conferences attendance and presentations.
- *Elaboration and presentation of an original & high quality PhD dissertation* in a research area of a UPC research group associated with the PhD Program.

Artificial Intelligence	Computing
GPLN	ALBCOM
KEMLG	GIE
LOGPROG	LARCA
SOCO	LOGPROG
	ViRVIG

Structure (full-time student)



● Research Plan & Activities Progress report (Student)
 Research Progress report (Tutor/Advisor)

} PhD Academic Committee evaluation

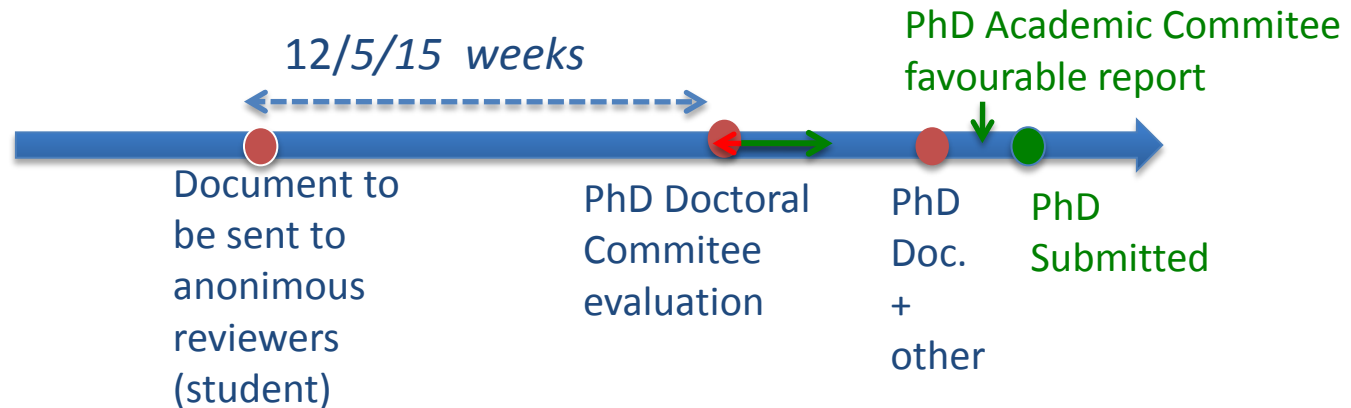
● **Research Plan Public Presentation**
 & Activities Progress report (Student)
 Research Progress report (Tutor/Advisor)

} PhD Academic Committee evaluation

Submission – First enrolment \geq 2 years

PhD thesis submission procedure

- Classical thesis
- *Article-based thesis* (see Program regulation)
- Thesis containing confidential material (see UPC regulation)



Required training activities




Activity	Description	Duration	Evaluation
Tutoring	Discussion sessions and research work with the supervisor or tutor	180h	Supervisor
Program Seminar	Attendance and participation in the joint seminar	6h	Seminar Res.
Seminars	Organized by the research groups that support the program.	30h	Seminar Res.
Courses	Intensive courses (1 or 2 weeks, 10 hours per week) linked to mobility programs or research groups participating in the doctoral program. (*)	30h	Course Res.
Work-Shop	Attendance to an international conference or workshop	36h	Certificate of attendance

(*) Under the supervisor/tutor guidance, some of the **cross-disciplinary research activities** offered by UPC Doctoral School can be selected.

Ideal planning

Activity	By	Academic year	
Enrolment	September	1st	3 months research visit
Agreement with Supervisor	Oct-Nov		
Research plan draft + Activity report	July		
Research plan memo + presentation	June	2nd	
Activity report	July		
Thesis draft to reviewers	January	3rd	
Research plan update + Activity report	July		
Thesis defence	September		

Terms: exceptions

- **Part time**  Course XX+5
 - **Extension** 
 - **Extraordinary** 
- **Personal leave/illness** do not count but require authorisation of the AC
- **Bridging courses**, if required upon admission, will not be counted as part of the maximum period of study

Research Plan

- The research plan must include
 - A state of the art,
 - the methodology used,
 - the objectives pursued,
 - the resources to be used, and
 - a timeline for achieving the objectives
- Program specific regulations are **STILL** under discussion

Article-based thesis

- ≥ 3 published contributions
 - Relevant quality in the research area
 - Significant contribution of the candidate
 - Form a thematic unit
- Co-authored paper
 - Supervisor has to certify contribution of candidate
 - Co-authors authorisation
 - Non doctor co-authors commitment not to use the contribution in their thesis
- Assesed by external reviewers

For Professors

An assignment of thesis supervisor is required to issue an admission

- Maximum **two advisors**

Exceptions: the thesis work is done under some agreement (dual degree, co-tutele, eramus mundus ...) that establishes a different rule.

Documents

- Internal regulations of the doctoral school of the Universitat Politècnica de Catalunya
- Academic regulations for doctoral degree courses
- *Normativa per a presentar la tesi doctoral com a compedi de publicacions: Artificial Intelligence/Computing*
- doctorat.upc.edu/en/academic-management/regulations

Web links

- computing.phd.upc.edu
- postgrau.upc.edu/ai
- doctorat.upc.edu
- cs.upc.edu
- We are working on the new webpages
They will be accessible soon.

DAD



- Extension of the **Drac** System
- Close to be launched
- Should replace the annual activity report
- For both students and advisors

ERASMUS+

- The Erasmus program includes now doctoral studies
- 3 or 6 months research stay
- **Limited number** and **little money**
- Erasmus+ KA103 **November 30th, 2017**
 Europe
- Erasmus+ KA107 opening soon
Australia, Canada, USA, Japan, Malasia, Morocco, Korea,
Tunisia and China

Questions?