

Why choose the ChIR?

for you

- > Get a highly valued Joint Master Degree
- > Study with experts in the field
- > Very flexible: build your own study plan
- > Become an expert in chemical safety and sustainability
- > Join an international network of alumni, industry and researchers
- > Learn while travelling: study in at least two different European countries
- > Classes in English
- > Improve your English and learn new languages
- > Study in a truly international and multicultural environment
- > You can apply for an *Erasmus Mundus* full scholarship

for industry

- > Become up to date with advances in international chemical safety regulations

for research

- > Build a solid background on chemical safety and sustainability and apply it to any research field

Safe & Sustainable Chemistry from the idea to the market



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Erasmus+ Programme
of the European Union



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ChIR

Chemical Innovation & Regulation

What is the ChIR?

Created in 2012, the ChIR is the first Joint Master Programme preparing professionals with the scientific, regulatory and economic knowledge necessary to manage the risks of chemicals and to meet responsibilities over chemical legislation worldwide.

The ChIR explores the most recent trends on chemical circular economy and sustainability while fostering innovation in a multinational and multicultural environment.

The ChIR is a Joint Master Degree awarded by the University of Algarve (UAlg), University of Barcelona (UB) and University of Bologna (UniBo).

Where will I study?

International mobility to a minimum of two EU partners is integrated in the Programme to Italy (UniBo), Portugal (UAlg) or Spain (UB).

Research and internship are possible in the three EU partners or one of the 30 associated partner institutions in the EU and in non-EU countries Argentina, Brazil, China, India, Japan, Uruguay, USA.

1 year of Classes study in the Host University

9 month Research in the Research University in a 2nd country

3 month Internship in the Host or the Research Country

		Path 1	Path 2	Path 3	Path 4	Path 5	Path 6
maximum # mobilities:		2	2	3	3	3	3
Curricular Year (66 ECTS)	Sep	EU1					
	Oct						
	Nov						
	Dec						
	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Jul	summer break					
	Aug	summer break					
Internship (15 ECTS)	Sep	EU AP (IT, PT, ES, NO, PL) or non-EU AP* (IN, JP, CN, AR, UY, BR)					
	Oct						
	Nov						
Research Project Training (9 ECTS)	Dec	EU2 or EU3	EU1	EU2	EU3	EU2	EU3
	Jan						
Research Thesis and Defence (30 ECTS)	Feb	EU2 or EU3	EU2 or EU3	EU3	EU2	AP	AP
	Mar						
	Apr						
	May						
	Jun						
	Jul						
	Aug						
	Aug	summer break					

Host and Research universities rotate every year

	2021	2022	2023	2024	2025	2026	2027
EU1	UniBo	UAlg	UB	UniBo	UAlg	UB	UniBo
EU2	UAlg	UB	UniBo	UAlg	UB	UniBo	UAlg
EU3	UB	UniBo	UAlg	UB	UniBo	UAlg	UB

Curriculum

A flexible structure allows you to build your own study plan by choosing one of three options for each of 11 Groups of Choice:

- 1 - Design
- 2 - Industry
- 3 - Management
- 4 - Chemical Sustainability
- 5 - Circular Economy
- 6 - Toxicology
- 7 - Environmental Sustainability
- 8 - Assessment
- 9 - Risk and Safety
- 10 - Regulation
- 11 - Transferable Skills

Is this programme for me?

Do you hold a 1st cycle degree (BSc) with a good chemistry background?

Are you proficient in English?

Are you concerned with safety and sustainability?

Do you wish to develop your international skills?

If so, then the ChIR was designed for you.