



(*)Facultade de Química

Presentation

The studies of Chemistry have a large tradition at the University of Vigo, where it has been taught during more than 30 years. The establishment of the University System of Galicia in the 90s and the current process of implantation of the European Space of Higher Education (EEES) modified the offer of degrees, but not the pioneering spirit of the chemists in research or in the quest for a better service to the society.



Degrees given in the Faculty

Degree in Chemistry

- Masters And Doctorates:
 - Industry and Chemical Research and Industrial Chemistry
 - Theoretical chemistry and Computational Modelling
- Master:
 - Science and Technology of Conservation of Fishing Products

Web page

Information about the Faculty of Chemistry:

<http://quimica.uvigo.es>

Máster Universitario en Química Teórica y Modelización Computacional

Subjects

Year 2nd

Code	Name	Quadmester	Total Cr.
V11M131V01301	Advanced Electronic Structure Theory and Condensed Matter	An	9
V11M131V01302	Advanced Computational Techniques	An	6
V11M131V01303	Chemical and Molecular Dynamics and Simulation and Modelisation by Computer	An	9

V11M131V01304	Applications	An	6
V11M131V01305	The Final Master Degree Work	An	30

IDENTIFYING DATA				
Teoría Avanzada da Estrutura Electrónica e da Materia Condensada				
Subject	Teoría Avanzada da Estrutura Electrónica e da Materia Condensada			
Code	V11M131V01301			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	9	Mandatory	2	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				
Resultados de Formación e Aprendizaxe				
Code				
Resultados previstos na materia				
Expected results from this subject	Training and Learning Results			
Contidos				
Topic				
Planificación				
	Class hours	Hours outside the classroom	Total hours	
*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				
Metodoloxía docente				
	Description			
Atención personalizada				
Avaliación				
Description	Qualification	Training and Learning Results		
Other comments on the Evaluation				
Bibliografía. Fontes de información				
Basic Bibliography				
Complementary Bibliography				
Recomendacións				

IDENTIFYING DATA				
Técnicas Computacionais Avanzadas				
Subject	Técnicas Computacionais Avanzadas			
Code	V11M131V01302			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Mandatory	2	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				

Resultados de Formación e Aprendizaxe	
Code	

Resultados previstos na materia	
Expected results from this subject	Training and Learning Results

Contidos	
Topic	

Planificación			
	Class hours	Hours outside the classroom	Total hours

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Metodoloxía docente	
Description	

Atención personalizada	
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Avaliación		
Description	Qualification	Training and Learning Results

Other comments on the Evaluation	
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Bibliografía. Fontes de información	
Basic Bibliography	
Complementary Bibliography	

Recomendacións	
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IDENTIFYING DATA				
Dinámica Química e Molecular e Simulación e Modelización por Ordenador				
Subject	Dinámica Química e Molecular e Simulación e Modelización por Ordenador			
Code	V11M131V01303			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	9	Mandatory	2	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				
Resultados de Formación e Aprendizaxe				
Code				
Resultados previstos na materia				
Expected results from this subject	Training and Learning Results			
Contidos				
Topic				
Planificación				
	Class hours	Hours outside the classroom	Total hours	
*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				
Metodoloxía docente				
	Description			
Atención personalizada				
Avaliación				
Description	Qualification	Training and Learning Results		
Other comments on the Evaluation				
Bibliografía. Fontes de información				
Basic Bibliography				
Complementary Bibliography				
Recomendacións				

IDENTIFYING DATA				
Aplicacións				
Subject	Aplicacións			
Code	V11M131V01304			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Mandatory	2	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				
Resultados de Formación e Aprendizaxe				
Code				
Resultados previstos na materia				
Expected results from this subject	Training and Learning Results			
Contidos				
Topic				
Planificación				
	Class hours	Hours outside the classroom	Total hours	
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Metodoloxía docente				
	Description			
Atención personalizada				
Avaliación				
Description	Qualification	Training and Learning Results		
Other comments on the Evaluation				
Bibliografía. Fontes de información				
Basic Bibliography				
Complementary Bibliography				
Recomendacións				

IDENTIFYING DATA				
Traballo Fin de Máster				
Subject	Traballo Fin de Máster			
Code	V11M131V01305			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	30	Mandatory	2	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				
Resultados de Formación e Aprendizaxe				
Code				
Resultados previstos na materia				
Expected results from this subject	Training and Learning Results			
Contidos				
Topic				
Planificación				
	Class hours	Hours outside the classroom	Total hours	
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Metodoloxía docente				
	Description			
Atención personalizada				
Avaliación				
Description	Qualification	Training and Learning Results		
Other comments on the Evaluation				
Bibliografía. Fontes de información				
Basic Bibliography				
Complementary Bibliography				
Recomendacións				