



(*)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 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 e 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				
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				

Competencias

Code

Resultados de aprendizaxe

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				
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				

Competencias

Code

Resultados de aprendizaxe

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**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				
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				

Competencias

Code

Resultados de aprendizaxe

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

Coordinator Hermida Ramón, José Manuel

Lecturers Hermida Ramón, José Manuel

E-mail jose_hermida@uvigo.es

Web

General description

Competencias

Code

Resultados de aprendizaxe

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**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				
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
Web				
General description				

Competencias

Code

Resultados de aprendizaxe

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**