



(*)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 1st

Code	Name	Quadmester	Total Cr.
V11M131V11116	Transversal scientific and linguistic competence	An	5
V11M131V11117	Mathematical foundations in quantum mechanics	An	5
V11M131V11118	Statistical mechanics and applications in simulation	An	5
V11M131V11119	Numerical and computational techniques	An	5

V11M131V11120	Theoretical chemistry methods I	An	5
V11M131V11121	Theoretical chemistry methods II	An	5
V11M131V11122	Symmetry in atoms, molecules and solids	An	5
V11M131V11123	Solids	An	5
V11M131V11124	Linux and Linux for management	An	5
V11M131V11125	Laboratory in applied theoretical chemistry	An	5
V11M131V11126	Lasers	An	5
V11M131V11127	Computational biochemistry	An	5
V11M131V11128	Advanced theoretical chemistry methods	An	5
V11M131V11129	Excited states	An	5
V11M131V11130	Chemical reaction dynamics	An	5

Year 2nd

Code	Name	Quadmester	Total Cr.
V11M131V11311	Advanced methods in electronic structure, dynamics and molecular modeling	An	12
V11M131V11312	Advanced computational techniques	An	6
V11M131V11313	Multiscale, machine learning and QSAR methods applied to biomolecules	An	6
V11M131V11314	Theoretical methods for simulation of materials	An	6
V11M131V11315	Computational chemistry programming project	An	6
V11M131V11316	From theory to implementation: Tutorials in theoretical chemistry	An	6
V11M131V11317	Modelling electronic structure	An	6
V11M131V11318	Multi-Scale modelling of complex molecular systems	An	6
V11M131V11319	Surface and interface chemistry: Experimentation and modelling	An	6
V11M131V11320	Master Thesis	An	30

IDENTIFYING DATA				
Competencia científica e lingüística transversal				
Subject	Competencia científica e lingüística transversal			
Code	V11M131V11116			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Mandatory	1	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				
Fundamentos matemáticos da mecánica cuántica				
Subject	Fundamentos matemáticos da mecánica cuántica			
Code	V11M131V11117			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Mandatory	1	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	
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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				
Mecánica estatística e aplicacións en simulación				
Subject	Mecánica estatística e aplicacións en simulación			
Code	V11M131V11118			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Mandatory	1	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 e cálculo numérico				
Subject	Técnicas computacionais e cálculo numérico			
Code	V11M131V11119			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Mandatory	1	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	
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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				
Métodos da química teórica I				
Subject	Métodos da química teórica I			
Code	V11M131V11120			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Mandatory	1	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				
Métodos da química teórica II				
Subject	Métodos da química teórica II			
Code	V11M131V11121			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Mandatory	1	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				
Simetría en átomos, moléculas e sólidos				
Subject	Simetría en átomos, moléculas e sólidos			
Code	V11M131V11122			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Mandatory	1	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	
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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				
Sólidos				
Subject	Sólidos			
Code	V11M131V11123			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Optional	1	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				
Linux e linux de xestión				
Subject	Linux e linux de xestión			
Code	V11M131V11124			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Optional	1	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				
Laboratorio de química teórica aplicada				
Subject	Laboratorio de química teórica aplicada			
Code	V11M131V11125			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Optional	1	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	
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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				
Láseres				
Subject	Láseres			
Code	V11M131V11126			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Optional	1	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
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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				
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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				
Bioquímica Computacional				
Subject	Bioquímica Computacional			
Code	V11M131V11127			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Optional	1	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
E-mail	jose_hermida@uvigo.es			
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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				
Profundización nos métodos da química teórica				
Subject	Profundización nos métodos da química teórica			
Code	V11M131V11128			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Optional	1	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel Mandado Alonso, Marcos			
Lecturers	Hermida Ramón, José Manuel Mandado Alonso, Marcos			
E-mail	mandado@uvigo.es 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				
Estados excitados				
Subject	Estados excitados			
Code	V11M131V11129			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Optional	1	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				
Dinámica das reaccións químicas				
Subject	Dinámica das reaccións químicas			
Code	V11M131V11130			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	5	Optional	1	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				
Métodos avanzados en estrutura electrónica, dinámica e modelización molecular				
Subject	Métodos avanzados en estrutura electrónica, dinámica e modelización molecular			
Code	V11M131V11311			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	12	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				
Técnicas computacionais avanzadas				
Subject	Técnicas computacionais avanzadas			
Code	V11M131V11312			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	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				
Multiescala, Machine Learning e métodos QSAR aplicados a biomoléculas				
Subject	Multiescala, Machine Learning e métodos QSAR aplicados a biomoléculas			
Code	V11M131V11313			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	2	An
Teaching language				
Department	Química Física			
Coordinator	Hermida Ramón, José Manuel			
Lecturers	Hermida Ramón, José Manuel			
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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				
Métodos teóricos para a simulación de materiais				
Subject	Métodos teóricos para a simulación de materiais			
Code	V11M131V11314			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	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				
Proxecto de programación de química computacional				
Subject	Proxecto de programación de química computacional			
Code	V11M131V11315			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	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				
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	Description			
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Avaliación				
Description	Qualification	Training and Learning Results		
Other comments on the Evaluation				
Bibliografía. Fontes de información				
Basic Bibliography				
Complementary Bibliography				
Recomendacións				

IDENTIFYING DATA				
Da teoría á implementación: titoriais en química teórica				
Subject	Da teoría á implementación: titoriais en química teórica			
Code	V11M131V11316			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	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				
Modelización de estrutura electrónica				
Subject	Modelización de estrutura electrónica			
Code	V11M131V11317			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	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				
Modelización multiescala de sistemas moleculares complejos				
Subject	Modelización multiescala de sistemas moleculares complejos			
Code	V11M131V11318			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	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				
Química de superficies e interfases: experimentación e modelización				
Subject	Química de superficies e interfases: experimentación e modelización			
Code	V11M131V11319			
Study programme	Máster Universitario en Química Teórica e Modelización Computacional			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	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				
Traballo Fin de Máster				
Subject	Traballo Fin de Máster			
Code	V11M131V11320			
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
*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	