



IDENTIFYING DATA

Internships: Internships in companies

Subject	Internships: Internships in companies			
Code	V11G200V01981			
Study programme	(*)Grao en Química			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	4th	2nd
Teaching language	Spanish Galician			
Department				
Coordinator	García Bugarín, Mercedes Pérez Juste, Ignacio			
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General description	<p>The aim of this matter is that the students carry out a stay in a company with the end to make tasks related with the professional field of the Chemistry.</p> <p>By means of the realisation of internships periods in companies the students will be able to apply the knowledges and competitions adquired during his studies, to complement and reinforce his training and to facilitate his incorporation to the labour market.</p>			

Competencies

Code	
A1	Students have demonstrated knowledge and understanding in a field of study that builds upon their general secondary education, and is typically at a level that, whilst supported by advanced textbooks, includes some aspects that will be informed by knowledge of the forefront of their field of study
A2	Students can apply their knowledge and understanding in a manner that indicates a professional approach to their work or vocation, and have competences typically demonstrated through devising and sustaining arguments and solving problems within their field of study
A3	Students have the ability to gather and interpret relevant data (usually within their field of study) to inform judgments that include reflection on relevant social, scientific or ethical issues
A4	Students can communicate information, ideas, problems and solutions to both specialist and non-specialist audiences
C20	Evaluate, interpret and synthesize data and chemical information
C24	Recognize and analyze new problems and plan strategies to solve them
C25	Handle chemicals safely, considering their physical and chemical properties, including the evaluation of any specific risks associated with its use
D1	Communicate orally and in writing in at least one of the official languages of the University
D2	Communicate at a basic level in English in the field of chemistry
D3	Learn independently
D4	Search and manage information from different sources
D5	Use information and communication technologies and manage basic computer tools
D6	Use mathematics, including error analysis, estimates of orders of magnitude, correct use of units and data representations
D7	Apply theoretical knowledge in practice
D8	Teamwork
D9	Work independently
D10	Work at a national and international context
D11	Adapt to new situations
D12	Plan and manage time properly
D13	Make decisions
D14	Analyze and synthesize information and draw conclusions
D15	Evaluate critically and constructively the environment and oneself

D16 Develop an ethical commitment

D17 Develop concern for environmental aspects and quality management

D18 Generate new ideas and show initiative

Learning outcomes

Expected results from this subject

Training and Learning
Results

The student should be able to do measurements of temperature, salinity, currents, light attenuation, waves and tides with the present available methodologies in physical oceanography

Contrast the attitudes and the theoretical-practical competences acquired.

A1	C20	D1
A2	C24	D2
A3	C25	D3
A4		D4
		D5
		D6
		D7
		D8
		D9
		D10
		D11
		D12
		D13
		D14
		D15
		D16
		D17
		D18

Perform tasks to test the critical and reflexive capacity.

A1	C20	D1
A2	C24	D2
A3	C25	D3
A4		D4
		D5
		D6
		D7
		D8
		D9
		D10
		D11
		D12
		D13
		D14
		D15
		D16
		D17
		D18

Take decisions and put in practice the capacity of analysis and synthesis in the resolution of practical problems.

A1	C20	D1
A2	C24	D2
A3	C25	D3
A4		D4
		D5
		D6
		D7
		D8
		D9
		D10
		D11
		D12
		D13
		D14
		D15
		D16
		D17
		D18

Contents

Topic

The students will integrate in the company organization and will coordinate with the members of the work group assigned.

The students will make activities related to the exert of the profession and with the knowledges and the competences of his studies.

The activities made by the students will be supervised and evaluated by the academic tutor and the company tutor.

Planning

	Class hours	Hours outside the classroom	Total hours
External practices	0	120	120
Report of external practices	0	30	30

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

Methodologies

	Description
External practices	(*)Os estudantes desenvolven actividades nun contexto relacionado co exercicio dunha profesión, durante un período determinado, realizando as funcións asignadas e previstas na proposta de prácticas.

Personalized assistance

Methodologies	Description
External practices	
Tests	Description
Report of external practices	

Assessment

	Description	Qualification	Training and Learning Results
External practices	The qualification will take into account the performance evaluation of the student made by the company tutor and the monitoring made by the academic tutor.	80	
Report of external practices	At the end of the internship period, the students will have to present to the academic tutor a final memory to be evaluated.	20	

Other comments on the Evaluation

* This matter will be ruled by the established in the Normative of External Practices of the Degree in Chemistry.

* The academic tutors will make the global evaluation of the external practices considering:

(70%) The report made by the company tutor (D5 form of the University of Vigo) in which it will value elements related with the practices made by the student as punctuality, assistance, responsibility, capacity of work in groups and integration in the company, quality of the work made, etc.

(20%) The memory that students must elaborated at the conclusion of the internship period in which they will have to appear, among others, a concrete and detailed description of the tasks performed and the departments within the company to which the student was assigned, a relation of the problems proposed and the procedure followed for his resolution, the level of integration inside the company and the relations with the personnel and a critical reflection about the education received during the degree studies and its adequation for the realization of external practices (see section 3 of article 8 of the Normative of External Practices).

The memory will have a minimum extension of 10 and a maximum of 20 pages of A4 size, including cover, index and annexes. Minimum margins of 2 cm, size of letter of 12 points, simple leading and paragraph justification are recommended. Tables and figures will appear numbered consecutively along the text and must include a brief heading to describe its content.

The grade of the written memory will be included in the *Observaciones/Sugerencias* section of the D7 form filled by the academic tutor.

(10%) The assessment of the academic tutor (D7 form of the University of Vigo) of the aptitude and attitude showed by the student during the development of the activities made.

* The academic tutor will reflect the result of the global evaluation in the D8 form of the University of Vigo.

Sources of information**Basic Bibliography****Complementary Bibliography**

Recommendations
