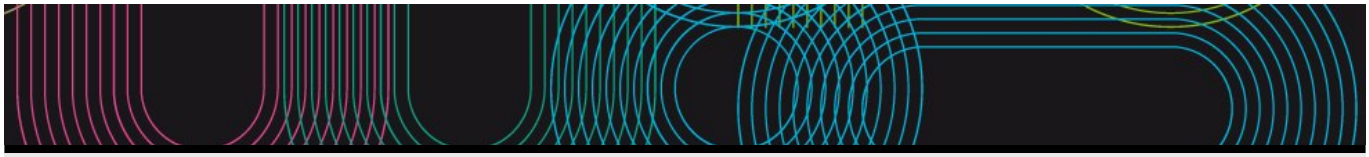

IDENTIFYING DATA				
Internships				
Subject	Internships			
Code	V02G030V01981			
Study programme	(*)Grao en Bioloxía			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	4th	2nd
Teaching language	Spanish Galician English			
Department				
Coordinator	Pombal Diego, Manuel Ángel			
Lecturers				
E-mail				
Web	http://cursos.faitic.uvigo.es/tema1516/claroline/course_description/index.php			
General description	The internships will allow students to acquire skills related to the performance of the biologist's professional profiles. In addition, this subject will facilitate direct contact between the Faculty and the professional world, to which the graduates should be incorporated.			

Competencies	
Code	
A1	Students should prove understanding and knowledge in this study field that starts in the Secundary Education and with a level that, even though it is suppported in advanced books, also includes some aspects that involve knowledge from the vanguard of the study field.
A2	Students should know how to apply their knowledge to their work or vocation in a professional way. They also should have the competences that are usually proved through the elaboration and defence of arguments and the resolution of problems within their study field.
A3	Students should prove ability for information-gathering and interpret important data (usually within their study field) to judge relevant social, scientific or ethical topics.
A4	Students should able to communicate information, ideas, issues and solutions to all audiences (specialist and unskilled audience).
A5	Students should develop the necessary learning skills to undertake further studies with a high degree of autonomy
B1	Ability of organization and planning in the working area in a multidisciplinary environment relate to biology and other connected fields.
B2	Ability of reading and analizing scientific papers and having critical assessment skills to understand data collection, deducing the main idea from the least relevant ones and basing on the correponding conclusions.
B4	Ability in handling experimental tools, both scientific and computer technology equipment that support the search for solutions to problems related to the basic knowledge of biology and with those of a concrete labour context.
B6	Ability to use biological knowledge obtained with this degree in a professional context by reasoning and presenting the ideas clearly, backed up and based on a solid general and specific education.
B7	Collection of information about issues of biologic interest, analysis and emission of critical opinions and reason them including the reflection about social and/or ethical aspects related to the issue.
B8	Ability to draft and write independent reports or projects related to the biological field. Communicate through verbal or written presentations and develop a logical argument in a professional context where it is shown skills acquired in this degree program.
B9	Motivation to achieve innovative and proactive actions based on accomplished background from courses attended, background from current topics checked (I+D) (Research and Development, Environment, Biomedicine, Bio production...) and background obtained from internships made in the business network.
B10	Development of analytic and abstraction skills, the intuition and the logical and rigorous thought through the study of biology and its uses.
B11	Ability to communicate in detail and clearly: knowledge, methodology, ideas, issues and solutions to all audiences (not only qualified but unskilled in Biology).
B12	Ability to identify their own educational necessities in the biology field and in concrete labour areas and to organize their learning with a high grade of autonomy in any context.
C25	Gathering background information, develop experimental work and analysing data results

C26	Participating in conducting, writing and producing projects on Biology
C31	Knowing and handling technical and scientific apparatus.
C32	Knowing and handling basic or specific key concepts and terminology
C33	Understanding the social projection of Biology.
D2	Acquisition of the organization and planning capacity for tasks and time
D3	Development of oral and writting communication abilities
D7	Resolution of issues and decision making in an effective way
D9	Ability to work in collaboration or creating groups with an interdisciplinary character
D11	Adquisition of an ethical agreement with the society and the profession
D14	Adquisition of abilities in the interpersonal relationships
D15	Development of creativity, initiative and enterpreneurial spirit
D16	Acceptance of a quaility commitment

Learning outcomes

Expected results from this subject	Training and Learning Results			
To know, at first hand, the social and working environment related to some of the fields of biology and to understand the applicability of the knowledge acquired throughout the degree.	A2	B6	C25 C26 C31 C32 C33	D2 D3 D7 D9 D11 D16
To obtain information, to develop experiments and to interpret the results.	A1 A2 A3 A5	B1 B2 B7 B10	C25	D2 D9 D14 D15
To participate in the execution of projects related to biology.	A2	B1 B6 B9	C26	D2 D3 D7 D9 D14 D15
To understand the social projection of the accomplishment of internships and its repercussion in the professional exercise.	A5	B9 B12	C33	D11 D16
To know and handle the concepts, terminology and scientific-technical instrumentation related to the performance of external internships.	A4	B4 B8 B10 B11	C31 C32	D3

Contents

Topic	
The student will carried out a internship in some labour and professional real environments related with any of the fields in Biology (environment, production, health, research, development and innovation, etc), under the supervision of a tutor in the receptor institution and a tutor in the Faculty.	-

Planning

	Class hours	Hours outside the classroom	Total hours
External practices	120	0	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	The student will carried out a internship in the receptor institution during 120 hours. In addition, it will devote 30 hours of work for the preparation of the final memory of the internship that will have to elaborate following the rules of external practices for the Degree in Biology

Personalized attention

Methodologies	Description
External practices	Each student will have a tutor in the external institution (external tutor) who will supervise the correct development of the practices.

Tests	Description
Report of external practices	Each student will have a tutor in the faculty (academic tutor) who will guide the student with the editorial of the internship memory.

Assessment

	Description	Qualification	Training and Learning Results			
External practices	Daily follow-up by the tutor of the receptor institution ("external" tutor) of the activity developed by the student during the period of the internship. Then, the "external" tutor will evaluate the activity developed by the student during the period of the internship.	75	A1 A2 A3 A4 A5	B1 B2 B4 B6 B7 B8 B9 B10 B11 B12	C25 C26 C31 C32 C33	D2 D3 D7 D9 D11 D14 D15 D16
Report of external practices	The "academic" tutor will review and will evaluate the memory of the internship drafted by the student. The "academic" tutor will do the final grade of the internship by considering the report of the tutor of the receptor institution (75%) and the final memory drafted by the student (25%).	25	A2 A4	B6 B7 B8 B11 B12	C25 C32 C33	D3

Other comments on the Evaluation

The adjudication of honours will be between those students having the best qualifications. For this, those that wish to opt to the honour will have do an oral presentation and defence of the internship memory in front of a committe.

Sources of information

Basic Bibliography

Complementary Bibliography

Recommendations

Subjects that it is recommended to have taken before

Biology: Evolution/V02G030V01101
Biology: Soil, aquatic environment and climate/V02G030V01201
Biology: Basic field and remote sensing techniques/V02G030V01202
Biology: Basic laboratory techniques/V02G030V01203
Statistics: Biostatistics/V02G030V01204
Physics: Physics of biological processes/V02G030V01102
Geology: Geology/V02G030V01105
Mathematics: Mathematics applied to Biology/V02G030V01103
Chemistry: Chemistry applied to biology/V02G030V01104
Biochemistry I/V02G030V01301
Biochemistry II/V02G030V01401
Botany I: Algae and fungi/V02G030V01302
Botany II: Archegonia/V02G030V01402
Animal and plant histology and cytology I/V02G030V01303
Animal and plant histology and cytology II/V02G030V01403
Genetics I/V02G030V01404
Microbiology I/V02G030V01304
Zoology 1: Non-arthropod invertebrates/V02G030V01305
Zoology 2: Arthropod invertebrates and chordates/V02G030V01405

Other comments

The student has to have surpassed a minimum of 120 ECTS to be allowed to initiate his/her external curricular internship.

The rule for the external extracurricular internship also contemplates the same requirement.