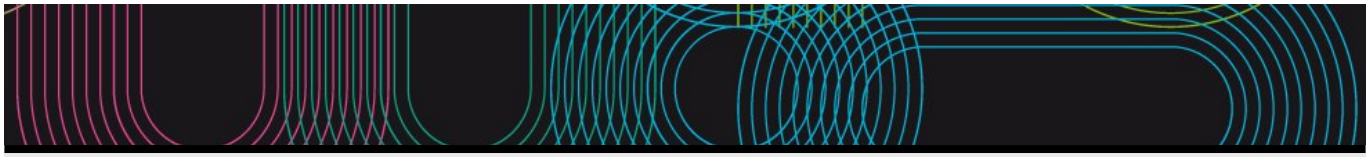

IDENTIFYING DATA				
Internships 1				
Subject	Internships 1			
Code	O06G151V01981			
Study programme	Grado en Ingeniería Informática			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	4th	1st
Teaching language	#EnglishFriendly Spanish Galician			
Department				
Coordinator	Rodríguez Martínez, Francisco Javier			
Lecturers				
E-mail				
Web	http://esei.uvigo.es			
General description	Internships in companies are optional for students. The objective is for the student to acquire experience in the performance of the profession of technical engineer in computer science, and their roles and responsibilities in organizations. English Friendly subject: International students may request from the teachers: a) materials and bibliographic references in English b) tutoring sessions in English c) exams and assessments in English.			

Training and Learning Results	
Code	
B1	Ability to conceive, write, organize, plan, develop and sign projects in the field of computing engineering whose aim is, according to the acquired knowledge and training, the design, development and exploitation of computing systems, services and applications.
B5	Ability to conceive, develop and maintain computing systems, services and applications through use of software engineering methods as tools to ensure quality, according to the knowledge and training acquired.
B8	Knowledge of the essential subjects and technologies that will allow students to learn and develop new methods and technologies, as well as those that will endow them with versatility to adapt to new situations.
B9	Ability to solve problems by taking the initiative, making decisions and acting independently and creatively. Ability to communicate the knowledge contents, skills and abilities of the Computer Science Engineer profession.
C25	Ability to develop, maintain and assess software systems and services that satisfy all the demands of users and work reliably and efficiently, are easy to develop and maintain, and meet the quality standards, applying the theories, principles, methods and practices of Software Engineering.
C26	Ability to assess clients needs and determine the software requirements to satisfy these needs, reconciling conflicting goals through attempts to reach acceptable compromises within the limits imposed by costs, available times, existing developed systems and organizations themselves.
C27	Ability to solve problems of integration according to available strategies, standards and technologies.
C30	Ability to design appropriate solutions in one or more domains of application by using methods of software engineering that include ethical, social, legal and economic issues.
C31	Ability to understand the environment of an organization and its needs in the area of information and communication technologies.
C34	Ability to select, design, implement, integrate and manage networks and communications infrastructures in organizations.
C36	Ability to design systems, applications and services based on network technologies, including the Internet, web, e-commerce, multimedia, interactive services and mobile computing.
C37	Ability to understand, apply and manage the security and safety of computing systems.
D8	Ability to work in situations of lack of information and / or under pressure

D9	Ability to quickly integrate and work efficiently in unidisciplinary teams and to collaborate in a multidisciplinary environment
D10	Interpersonal relationship skills.
D14	Have motivation for quality and continuous improvement

Expected results from this subject

Expected results from this subject	Training and Learning Results		
Experience in the exert of the profession of engineer/to technician/it in computing and of the his more usual functions in some real surroundings of company.	B1	C25	D8
	B5	C26	D9
	B8	C27	D10
	B9	C30	D14
		C31	
		C34	
		C36	
		C37	

Contents

Topic	
Stay in a company developing own functions of an Engineer Technician in Computer Science, related with the professional profile chosen by the student. It is supported by the form teacher and personal of the company. -	-

Planning

	Class hours	Hours outside the classroom	Total hours
Practicum, External practices and clinical practices	150	0	150

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

Methodologies

	Description
Practicum, External practices and clinical practices	- The procedure of the realization of the external practices governs pole Regulation of Academic Practices of the Students of the University of Vigo and of the Upper School of Engineering Computing. - The student will realize a stay in a company developing own functions of the qualifications and of the professional profile and chosen.

Personalized assistance

Methodologies	Description
Practicum, External practices and clinical practices	The student will have a continuous tracking and an attention customized by the tutors. The tutors will be realized, preferably, by telematic means: email or the teacher's office in the remote campus of the university.

Assessment

	Description	Qualification	Training and Learning Results

Practicum, External practices and clinical practices	- The student must submit an explanatory report of the activities carried out during the practices, specifying their duration, units or departments of the company in which they were carried out, training received (courses, computer programs, etc.), the level of integration within the company and relations with staff. - The report must also include a conclusions section, which will contain a reflection on the adequacy of the teachings received during the degree course for the performance of the practice (most significant positive and negative aspects related to the development of the practices). In addition, the inclusion of information on the professional and personal experience obtained with the practices (personal assessment of the learning achieved throughout the practices, and own suggestions or contributions on the structure and operation of the company visited) will be valued. - The tutor of the company will deliver a report evaluating aspects related to the practices carried out by the student: punctuality, attendance, responsibility, teamwork ability and integration in the company, quality of the work carried out, etc. Learning outcome: RA1	100	B1 C25 D8 B5 C26 D9 B8 C27 D10 B9 C30 D14 C31 C34 C36 C37

Other comments on the Evaluation

- The student must submit an explanatory report of the activities carried out during the practices, specifying their duration, units or departments of the company in which they were carried out, training received (courses, computer programs, etc.), the level of integration within the company and relations with staff.

- The report must also include a conclusions section, which will contain a reflection on the adequacy of the teachings received during the degree course for the performance of the practice (most significant positive and negative aspects related to the development of the practices). In addition, the inclusion of information on the professional and personal experience obtained with the practices (personal assessment of the learning achieved throughout the practices, and own suggestions or contributions on the structure and operation of the company visited) will be valued.

- The tutor of the company will deliver a report evaluating aspects related to the practices carried out by the student: punctuality, attendance, responsibility, teamwork ability and integration in the company, quality of the work carried out, etc.

Learning outcome: RA1

Sources of information

Basic Bibliography

Complementary Bibliography

Recommendations

Other comments

In order to enrol in external placements, you must have passed 150 ECTS credits of the degree.