

**COURSE DATA****DATA SUBJECT**

Code: 36447
Name: Internships
Cycle: Undergraduate Studies
ECTS Credits: 12
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
1406 - Degree in Data Science	Escola Tècnica Superior d'Enginyeria	4	Indefinite (Individuals)

SUBJECT-MATTER

Degree	Subject-matter	Character
1406 - Degree in Data Science	Internships	INTERNSHIPS

COORDINATION

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SUMMARY

The aim of the Internship Practices is to reinforce the training of university students in the operational areas of institutions or companies outside the center, in order to obtain professionals with a real vision of the problems and their interrelationships, preparing them for their future incorporation into the labor market.

The University may establish, by means of agreements with institutions or companies, programmes of cooperation in practices in which their participation in the specialised and practical preparation required for the training of students is agreed.

The practice programmes will be established for the training of students in the final year of the ETSE's Bachelor's and Master's degrees and will have to be drawn up in such a way that they are in line with the number of credits established.

The entity and activity to be carried out will be assigned from a list of institutions and companies with an agreement established with the University of Valencia through ADEIT, or with others with which the student establishes contact, after approval by the coordinating bodies of the subject in each degree.

The organisation and assessment of external internship (PE) is regulated as a general rule by the Regulation of External Practices, approved by the Consell de Govern de la Universitat de València (<http://>



//www.uv.es/graus/PE/Reglament.pdf) and by the instructions developed by the Escola Tècnica Superior d'Enginyeria de la Universita de València ETSE-UV (<http://www.uv.es/uvweb/enginyeria/ca/estudis-grau/graus/practiques-externes/informaciogeneral/presentacio-1285968430540.html>)

The time commitment foreseen for this subject is: tasks in the host institution, 260 h.; tutorials at the university, 5 h.; attendance to courses and seminars, 15 h. and a detailed report on the knowledge and experiences acquired during the stay. knowledge and experience acquired during the external stay, 20 hours.

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PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

To do the external internship, the first two courses must be completed in their entirety or 150 credits must be earned.

COMPETENCES / LEARNING OUTCOMES

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(CB3) Students must have the ability to gather and interpret relevant data (usually in their field of study) to make judgements that take relevant social, scientific or ethical issues into consideration.

(CB4) Students must be able to communicate information, ideas, problems and solutions to both expert and lay audiences.

(CE05) To understand the most relevant fields of application of data science and understand how data science is used to base and perform decision-making based on data

(CE13) To know how to design, apply and evaluate data science algorithms for the resolution of complex problems.

(CG02) Ability to solve problems with initiative and creativity and to communicate and transmit knowledge, abilities and skills, which should include the ethical and professional responsibility of the activity of a data scientist.

(CG03) Capability to elaborate models, calculations, reports, to plan tasks and other works analogous to the specific field of data science.

(CT01) To be able to access (bibliographical) information tools and appropriately use them in the development of their daily tasks.

(CT03) Ability to defend your own work with rigor and arguments and to expose it in an adequate and



accurate way with the use of the necessary means.

DESCRIPTION OF CONTENTS

The contents of the subject will be different depending on the specific placement to be carried out. The following is a generic list of possible activities that may be carried out during the external placement:

Study, research, design, development, implementation, validation and testing, consultancy, training, auditing, standardisation, project management, operations management, and any other activity, whether business or professional in free practice, in the field of data science.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at the internship centre	260,00
Attendance at supplementary activities	15,00
Monitoring and tutoring of internships	5,00
Total hours	280,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Independent study and work	0,00
Preparation of supplementary reports	0,00
Preparation of the internship report and evaluation of the internship	20,00
Total hours	20,00

TEACHING METHODOLOGY

MD5 - External placements. Tasks carried out in companies or research centres and developed on installations, processes, systems and/or services related to the professional activity of the Data Scientist (CG2, CG3, CB3, CB4, CT1, CT3, CE5, CE13).

Others: face-to-face work during the attendance to seminars or specific courses; non-face-to-face work of the student (preparation of reports and presentation of results); individual or group tutorials.

EVALUATION



The organisation and assessment of external placements (EP) is regulated as a general rule by the External Placement Regulations, approved by the Governing Council of the University of Valencia (<http://www.uv.es/graus/PE/Reglament.pdf>) and by the instructions developed by the School of Engineering of the University of Valencia ETSE-UV.

(<http://www.uv.es/uvweb/enginyeria/ca/estudis-grau/graus/practiques-externes/informaciogeneral/presentacio-1285968430540.html>)

It will be assessed (CG2, CG3, CB3, CB4, CT1, CT3, CE5, CE13) taking into account:

(a) The company tutor's report, which will state: (40%)

- Fulfilment of the hours foreseen.
- The ability to integrate into the working group.
- Assessment of the activity carried out by the student.

b) The final report of the activities carried out in the company, which will objectively determine the difficulty of the tasks carried out and the relationship with the subjects of the degree. It will contain at least the following sections (30%):

- Relationship of the internship with the training studies carried out.
- Contribution of the student at the placement centre
- New knowledge and skills acquired
- Relationship with the placement centre staff and work methodology.

c) Courses or seminars attended by the student, both at the university and at the placement centre. (10%)

d) Monitoring of the Tutorial Plan. Other merits. (20%)

The percentages assigned to each section are those indicated in each case. The completion of the total number of hours of the internship is a necessary requirement for the evaluation, except in cases of force majeure. The percentage of the particular assessment of each sub-section will depend on the criteria of the university tutor depending on the characteristics of the internship.

In any case, the assessment system will be governed by what is established in the Reglament d'avaluació i qualificació de la Universitat de València per a títols de Grau i Màster (<https://webges.uv.es/uvTaeWeb/MuestraInformacionEdictoPublicoFrontAction.do?accion=inicio&idEdictoSeleccionado=5639>).

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REFERENCES