

# Technology and Security



**Code:** 171026  
**Typology:** Postgraduate Diploma  
**Credits:** 30.00  
**Language:** English  
**Initial date:** 20/02/2018  
**End date:** 20/07/2018

**Schedule:** ON LINE  
**Place of completion:** On line  
**Spaces:** 24

## Preus i descomptes

**Price:** 1.490 €

## Presentation

The role of technology in security policies and their implementation is becoming increasingly important. By security we mean the elements related to national security, physical security, cybersecurity and citizen security.

Contemporary surveillance methods are mainly based on sensor technology such as video cameras or automatic data capture and tracking tools. There is a growing social demand for security policies that integrate a broader perspective on technological innovation, particularly in terms of how policies can be designed democratically, how technologies can be designed taking into account their societal impact and how security policies can reflect societies in which more and more social interaction takes place online and involves the treatment of personal data. It is therefore essential that political actors and NGOs understand the functioning of the technologies used to guarantee security (political evaluation, democratic control and security policies) and technological design.

## Targets

- To create a training space that addresses issues such as the design and management of security policies from the local level, and the key role that technology plays in its management.
- To understand, from a comprehensive perspective, the production process of security demands and the public policies designed to address them.
- To develop, manage and evaluate public safety policies.
- To gain more in-depth knowledge of the risks and potentialities of the technology factor in security management.
- To efficiently develop the responsibilities of the actors (institutional or social) in the democratic governance of security.

– To shed light on the sociological, legal, political and ethical context in which policies and technologies aimed at protecting safety are developed.

## Who are you targeting?

Professionals or those with an interest in the field of technology consultancy related to security.

## Admission requirements

Prospective students must have university training, preferably in social, legal or engineering sciences.

## Syllabus

### Managing crises, emergencies and mega events

Concepts and models: leadership, coordination and scenarios. Civil protection. Public order. Security and major events. Resilience. The Driver project.

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### Security and surveillance

Surveillance and policing. Social and criminological externalities of surveillance. Dataveillance. Sousveillance and counterveillance. The surveillance industry.

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### Analysis of security policies

The policy cycle: design, implementation, evaluation and indicators. Diagnosing and defining public problems. Stakeholders: media and civil society. Impact, effectiveness and legitimacy. The economics of security technology. The Respect project.

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### Security and urban management

Urban sociology and community safety. Public space, situational crime prevention and urban sprawl. Resilience, conviviality and mutual support. Technology and urban management: from CCTV to the Smart grid. The Graffolution project.

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### Security in a global world

Globalisation and new fears: terrorism, organised crime, cybercrime. The security industry. Security and intelligence. Data mining and counterterrorism: the Snowden case. The Secile project.

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### Security systems in comparative perspective

Legal frameworks, policing, prison systems and prevention models. Public security systems: training, structures, deployment, functions, objectives. Community policing: theory and practice. The challenge of coordination: forces, stakeholders, jurisdictions. Public and private security. Foreign policy, international relations and defence.

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### Security, data and surveillance

Social networks, mobile devices, web searches and mapping. Sensitive data and databases. Policing and data management. Big data: public and private. The SLANDAIL project.

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## Qualification

Postgraduate Diploma in Technology and Security at University of Girona\*

\* Does not include shipping rates title.

Note: students who do not hold a previous university qualification will be entitled to obtain, under the same conditions, a certificate of attendance issued by the Fundació UdG: Innovació i Formació.

## Methodology

Combination of teaching material based on audio-visual resources and compulsory and recommended readings (5 hours of material per credit). A participatory approach in the form of the “learning by doing” model will be adopted both for autonomous and lecturer-led work.

## Evaluation system

The basic assessment methodology is based on individual or group assignments of a diverse nature.

It is mandatory to deliver at least one practical assignment per subject. Depending on the lecturer, other assessment tests will take place during the course.

It is mandatory to complete all the classroom-based sessions and deliver 100% of the assignments and assessment activities in order to obtain the qualification.

## Financing

### Finançament bancari

Els estudiants matriculats a les activitats del curs acadèmic 2017-2018 i 2018-2019 poden finançar el pagament de la matrícula en 10 quotes.

La Fundació ha establert convenis amb condicions preferents pels seus alumnes amb les següents entitats:

- [Banc Sabadell](#)
- [CaixaBank](#)
- [Banc Santander](#)
- [BBVA](#)

### Finançament Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Amb l'objectiu de facilitar l'accés als estudis de postgrau, l'Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR) impulsa aquest programa de préstecs.

Per a més informació feu clic [aquí](#).

### Fundación Estatal para la Formación en el Empleo - FUNDAE (anteriorment Fundación Tripartita)

Els treballadors d'una empresa privada, als qui aquesta pagui la matrícula, tenen la possibilitat de bonificar-la a través de la Fundación Estatal para la Formación en el Empleo – FUNDAE (abans conegut com a Fundació Tripartita).

Per gestionar aquesta bonificació us heu de posar en contacte amb el Departament de Recursos Humans de la vostra empresa.

Per a més informació feu clic [aquí](#).

## Teaching table Management

**Gemma Galdon Clavell**

PhD in Public Policy.

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**Coordination****Alejandro Vélez Salas**

PhD in Humanities.

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**Teaching staff****Gertjan Boulet**

PhD candidate in Law at the Faculty of Law & Criminology of Vrije Universiteit Brussel.

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**Augusto Délkader**

Political scientist and public sector consultant.

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**Claudia Diaz**

PhD Assistant Professor at the COSIC research group of the Department of Electrical Engineering (ESAT) at the KU Leuven.

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**Hervé Falciani**

Systems engineer, whistle-blower and creator of the Falciani list, providing information on 130,000 suspected tax evaders with Swiss bank accounts.

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**Francesco Flammini**

PhD, IEEE Senior Member and ACM Distinguished Speaker.

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**Gemma Galdon Clavell**

PhD in Public Policy.

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**Antonella Galetta**

PhD researcher, Vrije Universiteit Brussel.

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**Gloria González Fuster**

PhD in Law.

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**Josian Llorente**

Cultural manager.

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**Genís Margarit**

Telecom engineer and IT security consultant.

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**Lisa Lucile Owens**

PhD candidate and Paul F. Lazarsfeld Fellow at Columbia University, New York.

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**José Manuel Pérez Marzabal**

Master of Laws, PhD candidate.

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**Xosé Quiroga**

Bachelor of Laws, journalist.

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**Elvira Santiago**

Postdoctoral researcher.

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**Katarzyna Szymielewicz**

Lawyer specialised in human rights and technology, co-founder and President of the Panoptykon Foundation.

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**Jacqui Taylor**

PhD, web scientist.

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**Mario Viola**

PhD in Law.

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\*The management team reserves all rights to make changes if any teacher can't teach a subject, always ensuring the same quality and professional category levels.

## Promoting entities

Fundació UdG: Innovació i Formació

Universitat de Girona  
**Fundació UdG:  
Innovació i Formació**

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Eticas Foundation

**eticas**  
**foundation** 

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**Start course:** 20/02/2018

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**End course:** 20/07/2018

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**Date closing assessment report:** 03/09/2018

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## Calendar

<b>Date</b>	<b>Place</b>	<b>Start of morning</b>	<b>End of morning</b>	<b>Start of afternoon</b>	<b>End of afternoon</b>
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