



## What is the Internet Doing to Me?

### (Security and Privacy for People in a Connected World)

<b>Module Coordinator</b>	<b>Dr Stephen Farrell, School of Computer Science and Statistics</b>
<b>What will you learn from this Elective?</b>	<p>We aim to help you to make your own informed decisions about how you interact with and on the Internet. Specifically, we'll be addressing the following challenges and issues:</p> <ul style="list-style-type: none"><li>• Gaining better control over how you interact on the Internet.</li><li>• You'll learn enough about how the Internet works and how it is evolving in order to make more informed decisions.</li></ul>
<b>Student Workload</b>	<p><b>Strand1:</b> Weeks 1-5: 3 lectures per week covering background technical and legal material.</p> <p><b>Strand2:</b> Weeks 6-12: 1 lecture and 2 hours hackathon/lab. Lectures will explore selected topics in more detail and introduce upcoming hackathon/lab sessions. Those sessions will vary from debates, to considering human rights aspects of the global Internet, down to building, using and abusing test networks. Sessions will mostly be led by external international experts.</p>
<b>Assessment Components</b>	<ul style="list-style-type: none"><li>• For Strand 1, there will be an online test. [20%]</li><li>• Prior to each strand 2 "hackathon", there will be a short online test to ensure sufficient background knowledge to fully engage in the session. [10%]</li><li>• Students will complete a small-group project. Topics will be proposed during the module. Students will be encouraged to propose their own topics, subject to approval. For example, a group might log their social network interactions, anonymise their findings and describe and reflect on their observations. [40%]</li><li>• Working individually, students will report on their experience with a GDPR information access request and the conclusions and lessons they have drawn from it. [30%]</li></ul>
<b>Indicative Reading List</b>	<p>The reading list for the module will draw from online materials. No textbook is required. The module web page will be updated as we go with the links required. For each "hackathon" session, relevant materials will be made available before the session.</p>
<b>Learning Outcomes</b>	<p>On successful completion of this module, students should be able to:</p> <ol style="list-style-type: none"><li>1. Make informed decisions about how they want to interact with the Internet and Internet services and the consequences of those decisions.</li></ol>

## Learning Outcomes

2. Evaluate the impacts of different uses of Internet services and how those might evolve.
3. Analyse how the structures and organisations involved in the Internet affect the services they use and their evolution.
4. Investigate the technologies they use, or are offered, in order to improve their level of control over how they interact with and on the Internet.
5. Communicate and collaborate effectively in ways that match their own choices for how to interact with and on the Internet.