**DISCIPLINA:** REGULATING NEW TECHNOLOGIES  
**CÓDIGO:** GRDDIRELE0202

**PROFESSOR:** IVAR A. HARTMANN  
**CARGA HORÁRIA:** 30h

**EMENTA**
Two transversal issues introduce the course: the regulation of permissionless innovation and regulation by code. It is then divided into two large sections. First, the new challenges brought by information technology in the regulation of preexisting markets with traditional regulatory schemes, divided into three dimensions: i) telecommunications, ii) freedom of expression and iii) privacy. Second, the regulation of entirely novel fields that have arisen as the result of the evolution of computer science and internet use. This section is comprised of discussions on context, problems and regulatory alternatives for i) algorithms, ii) artificial intelligence and autonomous entities such as self-driving cars, iii) the internet of things, iv) blockchain and crowdfunding and v) platform businesses, including Uber and Airbnb.

**OBJETIVOS GERAIS**
To learn about, understand, discuss, analyze and evaluate alternatives for the regulation of information technology in different markets.

**OBJETIVOS ESPECÍFICOS**
The goal of the course is twofold. First, it is to present to students the economic and technological aspects of certain relevant (old and new) markets that challenge traditional and even updated models of state regulation. Popular new models like the sharing economy and two-sided markets set up as platforms represent enormous markets with some of the largest companies in the world. Understanding their functioning from an economic and business standpoint, as well as developing policy solutions for market failures in this scenario requires adequate command of the core technology elements.

The second goal of the course is to capacitate lawyers i) to evaluate the proposed regulatory solutions, along with their positive and negative legal, social and technological implications, and ii) to design more efficient alternatives.

These goals will be pursued with in-class discussions based on both landmark and cutting-edge scholarship and centered on real life case studies.

**BIBLIOGRAFIA OBRIGATÓRIA**


**BIBLIOGRAFIA COMPLEMENTAR**


