



STUDY PROGRAMME

European Interdisciplinary Studies, Natolin campus (Advanced Academic Master)

YEAR

2020-2021

COURSE TITLE

Digital Economy

SEMESTER

2

COURSE PROFESSOR

Mario MARINIELLO

ACADEMIC ASSISTANT

Álvaro MARTÍN MORÁN

COURSE TYPE

Optional Specialist Course

MAJOR

EPAP

ECTS CREDITS

4

CONTACT HOURS

20

INDIVIDUAL STUDY TIME

80

TUTORIAL(S)

COEFFICIENT

1

LANGUAGE(S)

EN

COURSE OBJECTIVE

To learn how to identify issues in EU digital markets and design optimal policy responses.

COURSE LEARNING OUTCOMES

At the end of the course, students will be expected to grasp fundamental analytical tools to understand, analyse and assess the impact of EU digital policies on the European economy and society. The 'fil-rouge' of the course will be the European Commission's Digital Single Market's strategy and related initiatives. The approach will be both theoretical and pragmatic: the goal of the course is to prepare students to give an informed and economically sound advice to a hypothetical EU Commissioner for digital affairs.

RECOMMENDED PREPARATION

Background reading (sources to be recommended by course professor).

The content of the course can be complemented by content of Compact Seminar "La réglementation des marchés en ligne"

TEACHING METHOD(S)

The approach will combine lectures with class presentations.

ASSESSMENT METHOD AND CRITERIA

50% assessment on the basis of the group oral presentation,

50% assessment from a 4h take-home exam at the end of the course - with students required to answer 2 out of 3 suggested open questions with a strict limit of 2 pages (700 typed words) per question.

Retake examinations, i.e. exams passed in the second examination session, will have the same format as those taken during the first exam session. The only exception concerns oral exams, which are replaced in the second exam session by written exams. When a student takes an examination during the second session, the final mark for the course is based solely on the result of the retake examination. No other element of evaluation which would have been taken into consideration in the calculation of the final mark during the first examination session will be considered in the second session. (Art. 28 of the Specific Provisions).

The College of Europe reserves the right to change the delivery and assessment of the course in case of circumstances beyond the reasonable control of the College (*force majeure*). Any communication from the campus administration in this regard takes precedence over the information provided in this ECTS card.

COURSE CONTENTS

Theme 1: Towards a Digital Single Market: History of digitalisation, global trends, and overview of digital policies across the world; the Digital Single Market strategy; Facts about the European digital economy; Digital disruption and innovation

Theme 2: Digital Infrastructure: Telecoms: network investment and regulatory approaches; The Data Economy; Cyber-security

Theme 3: Digital Markets: Competition policy in digital markets; On-line platforms and audio-visual; Copyright, standards and intellectual property rights; E-Commerce, digital trade and taxation regimes; The collaborative economy.

Theme 4: Digital Society: Digital skills and the future of work;; Emerging technologies (the internet of things, connected and self-driven vehicles, block-chain, e-health etc); Democracy, facts and information in a digitised society

Theme 5: Artificial Intelligence: Artificial Intelligence is a broad theme which encompasses everything touched upon during the course.

COURSE MATERIALS (readings and other learning resources/tools)

References to readings/academic articles will be given during the course together with the PowerPoint slides.