

MGT-404

Management of intellectual property

de Rassenfosse Gaétan

Cursus	Sem.	Type
Life Sciences Engineering	MA2, MA4	Opt.
Management, Technology and Entrepreneurship minor	E	Opt.
Managmt, tech et entr.	MA2, MA4	Opt.

Language of teaching	English
Credits	3
Session	Summer
Semester	Spring
Exam	Oral
Workload	90h
Weeks	14
Hours	3 weekly
Lecture	1.5 weekly
Project	.5 weekly
Number of positions	

Remark

Special schedule. See the MTE website: <https://go.epfl.ch/mte>

Summary

This class provides an introduction to the management of intellectual property (IP), primarily patents. It covers legal and strategic considerations related to IP. The class relies on formal lectures, case studies, speakers, and a project.

Content

We will cover topics such as:

- The economic rationales for IP protection
- Overview of the types of IP rights
- Use of IP to finance innovation
- Licensing and litigation case studies
- Understanding patent documents

Keywords

innovation, intellectual property, patent, trademark, strategy, licensing

Learning Prerequisites**Recommended courses**

- SHS class MGT303 by the same teacher is a helpful introduction.
- MGT-411 (Innovation management) and MGT-414 (Technology & innovation strategy) are useful complements.

Learning Outcomes

By the end of the course, the student must be able to:

- Explain key concepts related to IP
- Examine the IP strategy of a firm
- Advise on matters related to IP

- Analyze a patent document

Transversal skills

- Plan and carry out activities in a way which makes optimal use of available time and other resources.
- Take account of the social and human dimensions of the engineering profession.
- Demonstrate the capacity for critical thinking
- Make an oral presentation.
- Communicate effectively, being understood, including across different languages and cultures.

Teaching methods

The teaching method involves a mix of formal lectures, case studies, external speakers, and project work.

Expected student activities

- Attending lectures
- Doing a project
- Reading written material
- Preparing case studies
- Debating/arguing

Assessment methods

- Class participation (submission of cases + debates): 25%
- Project (slide deck + presentation in class): 25%
- Oral exam: 50%

Supervision

Office hours	Yes
Assistants	Yes
Forum	Yes

Resources

Virtual desktop infrastructure (VDI)

No

Notes/Handbook

Slides will be provided when possible. Students are encouraged to take notes.

Moodle Link

- <https://go.epfl.ch/MGT-404>