

Foreign-related Intellectual Property Law

1. 课堂讲授学时 **Lecture Hours:** 32
2. 课堂实验学时 **Laboratory Hours:** 0
3. 课下研讨学时 **Colloquia Hours:** 0
4. 学生课下投入学时 **Individual Study Hours:** 16
5. 学分 **Credits:** 2
6. 开课学年学期（如果有强制性的要求则必须填，否则可以不填） **Occurrence:** **Summer Course**
7. 先修课程 **Prerequisite(s):** 必须先修的课程直接写课程编号和课程名称，建议先修的课程在课程名称后用*号标注，并在下一行注明：***Recommended, not required as prerequisite**
Prerequisite(s): Intellectual Property Law; Industrial Property Law
Recommended: Patent Law
8. 课程概要 **Course Description:** 100 字以内，学习内容以学术关键词出现。

The curriculum of this summer school integrates general foundational knowledge with cutting-edge hot topics, covering the following key modules:

First, the core challenges confronted by Chinese enterprises in the process of "Going Global", such as the extraterritorial jurisdiction regime of intellectual property rights.

Second, the latest challenges and coping strategies faced by the institutional systems of major economies. This includes the recent legislative revisions and academic discussions surrounding the AI Act, Copyright Law, Patent Law in the United States, Germany, Japan and other jurisdictions.

Third, the Agreement on Trade-Related Aspects of Intellectual Property Rights, a core component of the WTO single undertaking agreements. It involves its fundamental provisions, institutional framework, emerging disputes and challenges, as well as prospective countermeasures and development trends.
9. 课程预期学习成果 **Course Outcomes:** 用数字 1 到 9 列出每一项主要学习成果
 - (1) Deliver full-English courses with joint teaching by Chinese and foreign experts to encourage students' professional expression in English, and enhance their cross-cultural academic communication and practical capabilities.
 - (2) Develop an academic, practical and international full-English summer curriculum to fill the university's gap in short-term full-English courses on foreign-related intellectual property.
 - (3) Strengthen Sino-foreign academic exchanges. Invite renowned international professors for in-person teaching, lectures and student dialogues, so as to build a sustainable academic exchange platform.
 - (4) Promote the exchange and integration of Chinese and foreign intellectual property theories, and raise the international profile and academic reputation of our relevant disciplines.
 - (5) Cultivate talent to support domestic tech enterprises in handling global IP disputes and protecting legitimate rights, boosting China's IP power strategy and high-level opening-up.
 - (6) Serve national strategic needs. The course focuses on IP challenges for Chinese enterprises going global, and fosters internationally competitive professionals in foreign-related intellectual property.

10. 教学内容与学时分配 **Course Content, Laboratories and Laboratory Hours** (有则填, 没有则不填), **Colloquia Hours** (有则填, 没有则不填): 各章节目录与学时, 实验内容与学时, 研讨内容与学时

D1 (4 class hrs): Overview of International Intellectual Property Law

D2(4 class hrs): Patent Prosecution (PCT, Claim Drafting, Patent Prosecution Highway, the role of WIPO etc.)

D3 (4 class hrs): Recent developments on patent Enforcement in Japan, Europe and the United States

D4 (4 class hrs): Global Development and Latest Practices of the Right to Repair in patent law

D5(4 class hrs): Enforcement and Restriction of Standard Essential Patents Right I

- lecture: 2 class hrs

- group presentation: 2 class hrs

D6(4 class hrs): Enforcement and Restriction of Standard Essential Patents Right II

- lecture: 2 class hrs

- group presentation: 2 class hrs

D7(4 class hrs): Artificial Intelligence and Copyright Law

- lecture: 2 class hrs

- group presentation: 2 class hrs

D8(4 class hrs): Artificial Intelligence and Patent Law

- lecture: 2 class hrs

- group presentation: 2 class hrs

11. 考核与成绩评定 **Grading:**

(1) In-class discussion: 20%

(2) Attendance:20%

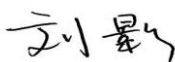
(3) Group Presentation:30%

(4) Homework:30%

12. 教材, 参考书 **Text & Reference Book:** 作者, 书名, 版本, 年份, 国际标准书号 ISBN
Peter S Menell, Mark A Lemley, Robert P Merges, Shyamkrishna Balganesh, **Intellectual Property in the New Technological Age 2025 Vol. I Perspectives, Trade Secrets and Patents**, July 10, 2025, ISBN-13978-1945555282

13. 编写教师 **Course Lecturer:** 刘影

编写教师 **Course Lecturer** (签字):



附录:

GIS Programming in Python

1. 课堂讲授学时 Lecture Hours: 16
2. 课堂实验学时 Laboratory Hours: 16
3. 课下研讨学时 Colloquial Hours: 0
4. 学生课下投入学时 Individual Study Hours: 32
5. 学分 Credits: 2
6. 开课学年学期(如果有强制性的要求则 必须填, 否则可以不填) Occurrence: SummerCourse
7. 先修课程 Prerequisite(s): Programming-related courses* (*Recommended, not required as prerequisite)
8. 课程概要 Course Description: 100 字以内, 学习内容以学术关键词出现。

This course explains principles, syntax, and language elements associated with creating and running computer programming scripts. Python scripting language is used to efficiently run QGIS tools, open view and read files of data and QGIS attribute tables, interact with map elements, manipulate batches of GIS data, and create basic user interfaces. Students completing this course should be able to implement a simple GIS workflow and build generalized application.

9. 课程预期学习成果 Course Outcomes:

By the end of successful completion of this course, the student will be able to:

- (1) Apply concepts of variables, data types, decision, and repetition in Python.
- (2) Use concepts of data structures and object-oriented programming.
- (3) Describe file input/output and data visualization.
- (4) Illustrate QGIS tools and functions to be used with GIS data.
- (5) Explain spatial data and GPS coordinates.

10. 教学内容与学时分配 Course Content, Laboratories and Laboratory Hours (有则填, 没有则不填), Colloquial Hours (有则填, 没有则不填):

- (1) Introduction to Python (4 Class Hour)
 - Classroom 3 hours
 - practice 1 hour
- (2) Variables, data types, decision, and repetition (4 Class Hour)
 - Classroom 2 hours
 - Practice 2 hour
- (3) Object Oriented Programming with Python (4 Class Hour)

- Classroom 2 hours
- Practice 2 hour
- （4） Language Control and File Input/output(4 Class Hour)
- Classroom 1 hours
- Practice 3 hour
- （4） Data Visualization and GIS (4 Class Hour)
- Classroom 2 hours
- Practice 2 hour
- （5） QGIS tools and functions (4 Class Hour)
- Classroom 2 hours
- Practice 2 hour
- （6） Spatial data and GPS coordinates (4 Class Hour)
- Classroom 2 hours
- Practice 2 hour
- （7） Vector and raster data (4 Class Hour)
- Classroom 2 hours
- Practice 2 hour

11. 考核与成绩评定

Grading: Assignment #1:

10%

Assignment #2: 10%

Inclass Quizzes: 10%

Midterm Exam: 25%

Final Exam: 45%

12. 教材，参考书 Text & Reference Book: Yang, C. (2017). Introduction to GIS

Programming and Fundamentals with Python and ArcGIS. (1st edition). CRC Press

13. 编写教师 Course Lecturer:

编写教师 Course Lecturer (签字):