

## **Course explanation**

### **A. Major Required Curriculum**

#### **HSS261 Intellectual Property Overview**

In this course, an overview of intellectual property is covered from a comparative point of view. Using extensive topics on IP as a textbook, this course trains students to acquire a basic knowledge about key intellectual properties such as trademarks, copyrights and patents and helps students understand the differences among these various properties.

### **B. Major Elective Curriculum**

#### **IP302 Managing IP as a Business Asset**

This course is designed to provide engineering students with key issues regarding intellectual property, whose importance today cannot be overemphasized, in terms of its strategic management for profit maximization. It will cover strategic management issues of patents, trademarks, designs, trade secrets, and copyrights through diverse classroom activities including lectures, case studies, and group discussions.

#### **IP406 Understanding Intellectual Property**

The 21st century has seen the development of a knowledge-based society where knowledge and information are the sources of competitiveness for companies. In meeting the demands for technical development and intellectual property possession to secure national competitiveness, this course offers an IP lecture for achievement of the best competitiveness

#### **IP407 Entrepreneurial law**

This course provides an overview of legal issues generated in the processes of venture business organization and management and also addresses legal issues related to business exit strategies.

The remainder of the elective curriculum will be updated every semester if the program is opened.

#### **IP409 IP Prosecution & Enforcement**

This course is designed to facilitate science/engineering students to realize importance of intellectual property rights in global market competition, acquire key IP law knowledge focusing on the prosecution and litigation procedures. Through case studies of diverse prosecution and litigation practices, students will learn how to establish exclusive IP rights in the areas of patents, trademarks, designs, trade secrets, and copyrights and how to protect or enforce their IP rights against competitors..

#### **IP410 Law, Technology and Innovation**

This course is designed to provide science/engineering students with fundamental understanding on key issues regarding high technologies, their impact on corporate innovation and their legal environment. Extensive case studies on exemplary global companies that already developed and is practicing IP management strategies for profit maximization will guide the students to gain strategic IP management techniques utilizing legal knowledge on patents, trademarks, designs, trade secrets, and copyrights to create substantial value for corporate innovation through state-of-the-art technologies.

#### **IP411 IP-related Legal Dispute and Resolution**

This course is designed to facilitate science/engineering students to understand essential litigation procedures and rules including international treaties that will govern IP disputes arising from ever increasing global transactions. The focus of this course will be on the Federal Rules of Civil Procedure of the USA, but procedural aspects of IP disputes in other regions including the EU will also be discussed in the class. Evolving issues from harmonization efforts among different IP laws and regulations worldwide, including that of the WIPO, will be introduced and discussed in the class.

#### **IP413 Contracting and Licensing**

This course is designed to provide science/engineering students with practical knowledge and skills in intellectual

property contract making and licensing. About licensing issues, this course will cover patent licensing; trademark/brand licensing, and copyright (artworks and character) licensing. It will also address other IP contracting issues such as employment contract, NDA (non-disclosure agreement), and mass licensing of software.

**IP414 World Trade Structure - WTO & FTA**

Under open economy system, to enhance understanding of world trade structure (WTO & FTA) which has a significant influence on activities of domestic companies.

**IP415 M&A & Corporate Restructuring**

Understanding of legal principles relating to expansion, down-sizing and other structural changes, which are necessitated by change in circumstances of corporate management

**IP416 English Contract**

Through understanding of English contract, which is now a standard form of international contract, to be capable of taking active position in international trade as well as avoiding unexpected risks.

**CC531 IP Analysis & Patent**

In the knowledge-based industrial information age, students foster their abilities to protect the products of technical development by learning patents on a new device, key nations' intellectual properties, sales method patents, patent specifications, patent claims and other related topics.