



SC3001

## Recherche, innovation et propriété intellectuelle : 2. Applications aux secteurs de la chimie et aux sciences de la vie

[30h] 3 credits

**Teacher(s):** Thierry Debled, Francis Leyder, Yves-Jacques Schneider (coord.)  
**Language:** French  
**Level:** Third cycle

### Aims

Applying the theoretical bases seen in the first part to the fields of chemistry (industrial and medicinal), biotechnology, pharmacy and biomedical sciences.

### Main themes

The course comes upon the following themes: 1. General introduction. 2. Innovation strategy: What is an invention? Why a licence? What is its goal? What is its value? 3. Literature. Technique state definition. What are the sources? (licences, encyclopedias, seminars, etc.) A few databases ? Examples of divulging information to the public. 4. Licence. Criterias of licence possibilities. Specific problems (biotechnology, pharmaceutical industry, computer programs, etc.) and practical examples. 5. Criterias of licence possibilities. Practical examples. 6. Licence technique. Writing a licence demand. General structure of a licence. How to read a licence. 7. Licence technique. Asking for a licence, extension. 8. Licence technique. Process from the demand to the delivery. Opposition procedure. 9. Liberty of action. Right to prevent third-parties from using the invention. Necessity to insure your own freedom to act with a third-party. 10. Licence strategy. Asking for a licence for good use. Rational use of a protection system of intellectual property. Choice of the moment, of the place, etc.

### Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisites: second cycle in sciences degree (graduate in sciences, civil engineer, chemical and bio-industry engineer, agricultural engineer, chemist, medical doctor, veterinary surgeon, graduate in medical sciences) or equivalent diploma.  
 Evaluation: conventional examination.

Teaching: the course is organized in ten modules of 3 h each. Extern specialists in the field will be invited. The courses are held at 1/3 at UCL-Brussels campus and for the remaining 2/3 at Louvain-la-Neuve. Timetable: every wednesday from the month of october (to confirm, see web site).

### Programmes in which this activity is taught

SC3DA                    Diplôme d'études approfondies en sciences