



SH03023: INTELLECTUAL PROPERTY IN BIOTECHNOLOGY (SỞ HỮU TRÍ TUỆ TRONG CÔNG NGHỆ SINH HỌC)

Credits: 2 credits (Lecture: 2 – Practice: 0)

EXPECTED LEARNING OUTCOMES

Course objectives	COURSE EXPECTED LEARNING OUTCOMES After successfully completing this course, students are able to	Expected learning outcomes of program
Knowledge		
CELO1	Overview basic knowledge on intellectual property rights, the history of formation and development of the intellectual property law in Vietnam and the world.	ELO2
CELO2	Distinguish between types of intellectual property rights: copyrights and industrial property rights; legally prescribed steps to register plant variety rights and other issues related to the rights and obligations of the owner when transferring such rights; Clarify legal issues as to granting geographical indications and intellectual property rights for traditional knowledge.	ELO2, ELO12
CELO3	Generalize basic knowledge on intellectual property rights in the field of biotechnology; Distinguish between forms of intellectual property rights applied to research and development of biotechnology products.	ELO2, ELO12
CELO4	Distinguish between the rights concerning protection of patent, trade secrets, copyrights, and plant variety rights; Explain legal issues concerning the licensing process for commercial products derived from biotechnology, and other related issues, such as materials transfer contracts, confidentiality contracts, research cooperation contracts.	ELO2, ELO12
Skills		
CELO5	Exploit databases on intellectual property. Apply learned knowledge to explain legal rights and obligations of related parties in disputes over intellectual property rights in biotechnology; Apply database analysis tools in intellectual property to solve some practical problems in the field of biology at a basic level.	ELO2
Personal autonomy and responsibility		
CELO6	Actively update and accumulate knowledge and experience to improve professional qualifications; Respect ethics and professional responsibility; strictly adhere to the rules and principles of occupational safety.	ELO13, ELO14

CONTENT

- Chapter 1: General of intellectual property
- Chapter 2: Copyright and industrial property rights
- Chapter 3: Intellectual property rights for Agriculture
- Chapter 4: Intellectual property rights related to agricultural biotechnology
- Chapter 5: Exploitation database of IP in research

STUDENT TASKS

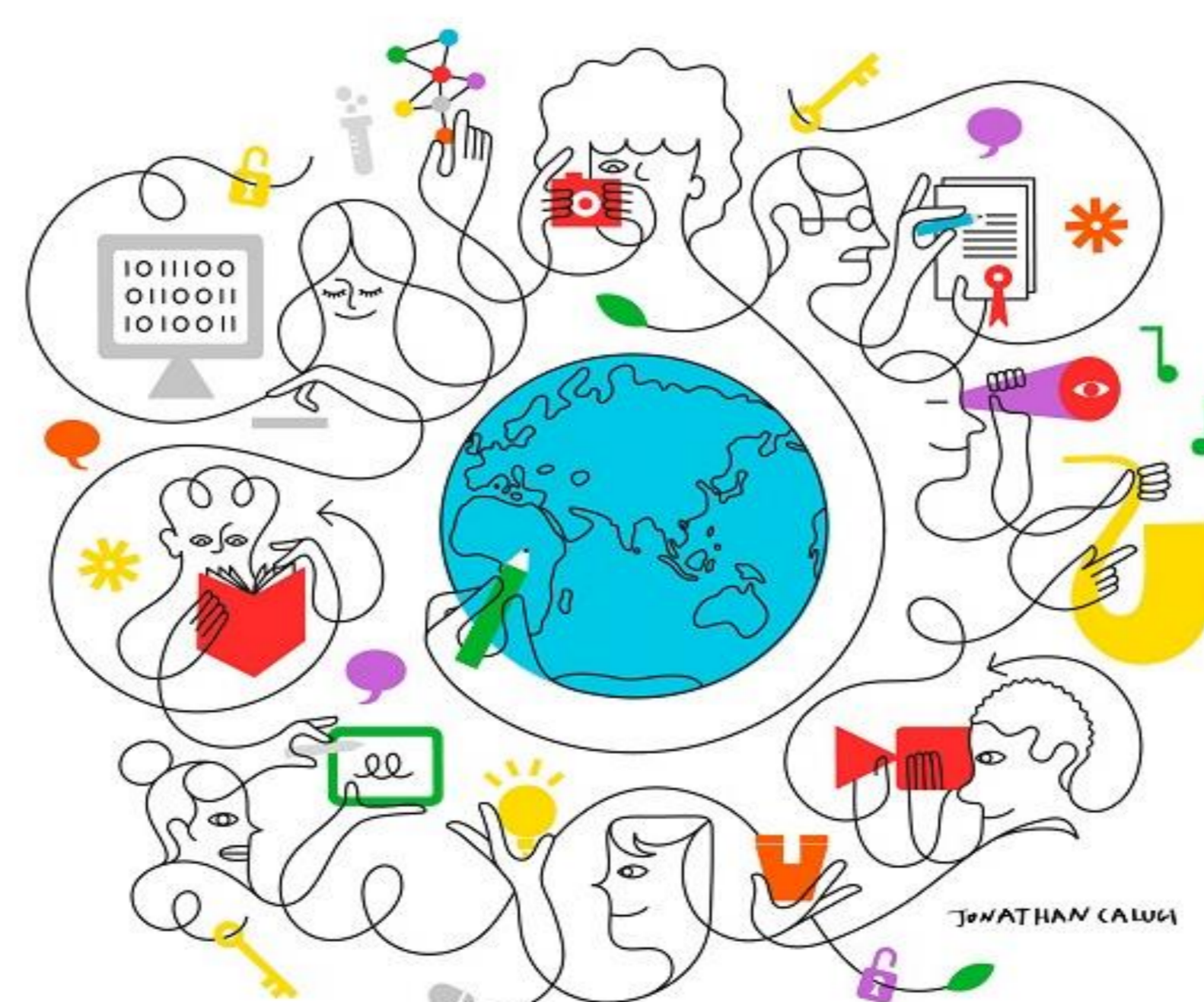
- Attendance: Students are required to attend at least 2/3 of the total theory lectures of the course.
- Preparation for the lecture: Students are required to read lecture notes, text books and references before attending the class.
- Group discussion and presentation: Students are required to engage in group discussion.
- Formative assessment and final exam : Students must take the final exam and meet requirements.
- For online learning: Students need to install online learning software and fulfill the requirements for online learning.

ASSESSMENT METHODS

- Attendance: According to regulations of VNUA.
- Exercise and progress tests: Students must complete the exercises, 15-minute tests, group discussion and presentation with satisfied results.
- Students are required to engage group work, presentation and discussion.
- Final exam: Final exam is 50 minutes long with a 40-question quiz and 1 question.
- For online evaluation: Students need to install software and fulfill the requirements for online evaluation.
- Grading: 10 marks
- Weighting:
 - ✓ Attendance: 10 %
 - ✓ Formative assessment: 15%
 - ✓ Group discussion: 15%
 - ✓ Final exam: 60%

LEARNING METHODS

- Read lecture notes, books and references before attending the class.
- Students are required to listen to lectures in class and perform other learning activities such as solving practice problems after class.
- Prepare and actively participate in discussion.



LECTURERS

1. Assc. Prof., Dr. Nguyễn Thanh Hải, 0914.598.399, nthaicnsh@vnu.edu.vn
2. Dr. Vu Văn Tuấn; 0912644808, vvtuan@vnu.edu.vn