

Biochemical and Biomedical Innovation

Course code: 740381A

ECTS credits: 2 or 5 credits

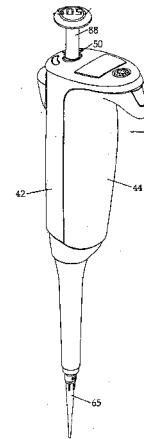
Language of instruction: English

Timing: September 2020 – December 2020

Registration: WebOodi or email to Maarit.Jokela@oulu.fi.

Learning outcomes: The aim of the course is to get student familiar with:

- the core skill set required to recognize opportunities/needs and how to validate creative ideas
- the concepts of intellectual property rights (IPR)
- the core skill set of searching patent databases
- the concepts of how to pitch an idea



Mode of delivery Online

Learning activities and teaching methods: 19 hours of lectures/workshops

Prerequisites or co-requisites: -

Assessment methods: For 2 ECTS

- 1) participation in at least 70% of lectures / workshops (7 of 9),
- 2) exercises + learning diary + final pitch.

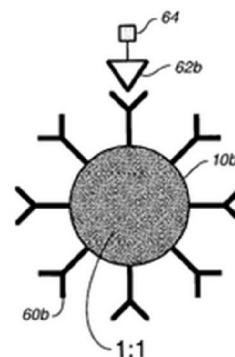
For 5 ECTS

- 1) participation in at least 70% of the lectures/workshops (7 of 9),
- 2) exercises + learning diary + final pitch,
- 3) submission of Proof-of-concept (PoC) funding application

Grading: pass/fail

Recommended or required reading: -

Person responsible: Professor Lloyd Ruddock



Content and Time Schedule:

Week 40: 30.9. Wed at 4.15-5 pm	Introduction to Innovation Lloyd Ruddock, Professor, FBMM
Week 41: 7.10. Wed at 4.15-6 pm	Course requirements From idea to innovation Maarit Jokela, Innovation Manager, University Innovation Centre <ul style="list-style-type: none"> • Idea-Invention-Innovation • How are new inventions made?
Week 42: 12.10. Mon at 4.15-6 pm	Introduction to IPR Maarit Jokela, Innovation Manager, University Innovation Centre <ul style="list-style-type: none"> • IP rights – what are they?
Week 42: 14.10. Wed at 4.15-6 pm	Creative thinking Nina Jackson & Mia Kemppala, Planning Officers, Tellus <ul style="list-style-type: none"> • How to recognize opportunities and what is needed? • Tools for creative thinking
Week 44: 28.10. Wed at 4.15-6 pm	IP rights: Third party monitoring, freedom-to-operate analyses and potential disputes with a competitor Ulla Lenkkeri-Schütz & Simon Mügge, German & European Patent Attorneys, European Trademark and Design Attorneys, Kolster Oy Introduction to patent databases Maarit Jokela, Innovation Manager, University Innovation Centre <ul style="list-style-type: none"> • When and how to use patent databases?
Week 45: 4.11. Wed at 4.15-7 pm	Design Sprint inspired -workshop 1 Nina Jackson & Mia Kemppala, Planning Officers, Tellus <ul style="list-style-type: none"> • Problem framing • Ideation • Storyboarding • Validation
Week 46: 9.11. Mon at 4.15-6 pm	Patent Searching workshop Maarit Jokela, Innovation Manager, University Innovation Centre <ul style="list-style-type: none"> • Learn to use patent databases • How to validate your idea?

Week 47: 18.11. Wed at 5.00-7 pm	Design Sprint inspired -workshop 2 Nina Jackson & Mia Kemppala, Planning Officers, Tellus <ul style="list-style-type: none"> • Validation • Prototyping • Presenting
Week 47 (duration 45 min) Recorded session on Moodle, available starting from week 47	How to pitch? Nina Jackson & Mia Kemppala, Planning Officers, Tellus <ul style="list-style-type: none"> • Presentation techniques • How to form a pitch?
Week 48: 25.11. Wed at 4.15-7 pm Optional, book a 15 min time on Zoom for personal feedback for your presentation	Feedback session for pitches Nina Jackson & Mia Kemppala, Planning Officers, Tellus <ul style="list-style-type: none"> • Personal feedback for the pitch Material for final pitches need to be sent to nina.jackson@oulu.fi / mia.kemppala@oulu.fi at latest on Tue 1.12.2020.
Week 49: 2.12. Wed at 4.15-6 pm	Final pitches Nina Jackson & Mia Kemppala, Planning Officers, Tellus <ul style="list-style-type: none"> • Pitches for experts in the field
31.1.2021	Deadline for submission PoC funding application (5 ECTS only)