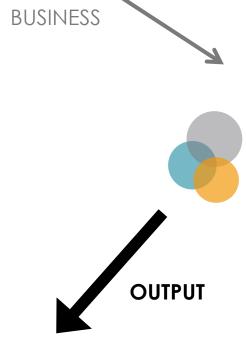
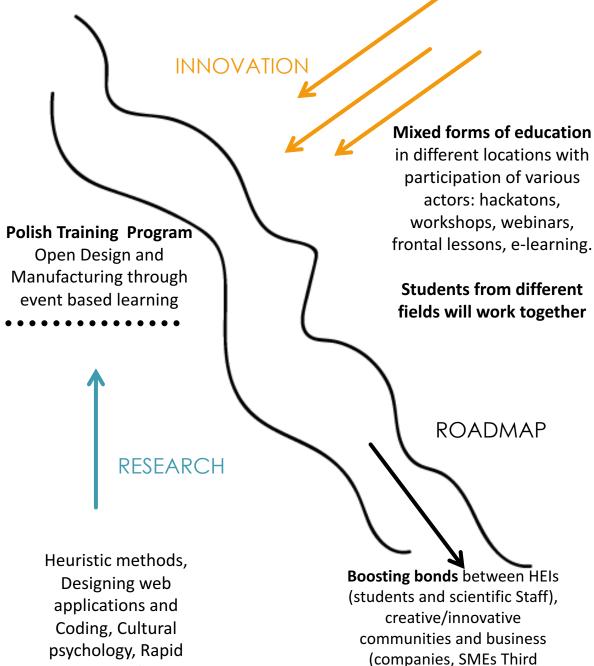
FabLab Łódź business environment

(companies, SMEs, NGOs, Local authorities etc.)

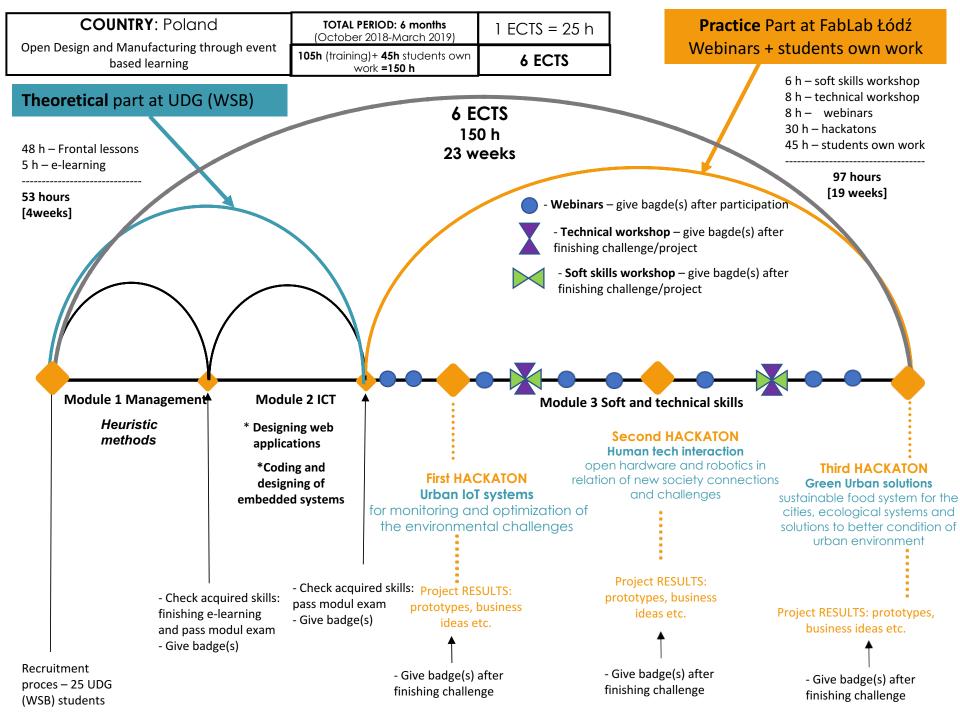


Students – soft and technical skills development, meaningfull connections Hackatons – business ideas, prototypes, relations between different actors



sector, Local authorities)

prototyping



Polish Training Program

Open Design and Manufacturing through event based learning

Management module – 16 h of frontal lessons + 5h of e-learning

Only UDG (WSB) students in WSB facilities

Dabrowa Górnicza

ICT module – 32 h of frontal lessons

Only UDG (WSB) students in WSB facilities

Dabrowa Górnicza

Soft skills module – 6 h of workshop

UDG (WSB) students mixed with Lodz University of Technology in FabLab Łódź facilities

Technical skills module – 8 h of workshop

UDG (WSB) students mixed with Lodz University of Technology in FabLab Łódź facilities

Webinars – 8 h (8 webinars x 1h)

Open events
UDG (WSB) students + registered useres
Run by FabLab Łódź

3 Hackatons – 30 h (3 events x 10 h)

Online

Open events
UDG (WSB) students + registered participants
Run by FabLab Łódź

Week 1 - 2h Heuristic methods (Day 1) - Frontal lessons

- 5h **Heuristic methods** e-learning course
- Week 2 7h Heuristic methods (Day 2) Frontal lessons
 - 7h Heuristic methods (Day 3) –Fronal lessons

Management module

- Week 3 8h Designing web applications (Day 4) Frontal lessons
 - 8h **Designing web applications** (Day 5) Frontal lessons
- Week 4 8h Coding and designing of embedded systems (Day 6) Frontal lessons
 - 8h Coding and designing of embedded systems (Day 7) Fronal lessons

Week 5 – 1 h ICT for makers movement (Day 8) – webinar

- Week 6 1 h IoT (Day 9) webinar
 - 10 h **Urban IoT systems** for monitoring and optimization of the environmental challenges (Day 10) hackaton
- Week 7-8 10 h Student own work
- Week 9 1 h Introduction to rapid prototyping methods (Day 11) webinar
- Week 10 4 h Rapid prototyping (Day 12) workshop
 - 3 h Cultural psychology (Day 12) workshop
- Week 11-13 15 h Student own work
- Week 14 1 h Programming (Day 13) webinar
 - 5 h Student own work
- Week 15 1 h Human-Robot Interaction (Day 14) webinar
 - 10 h **Human tech interaction** (Day 15) open hardware and robotics in relation of new society connections and challenges hackaton
- Week 16 5 h Student own work
- Week 17 1 h Embedded systems (Day 16) webinar
- Week 18 4 h Rapid prototyping (Day 17) workshop
 - 3 h Cultural psychology (Day 17) workshop
- Week 19-20 10 h Student own work
- Week 21 1 h Data bases (Day 18) webinar
- Week 22 1 h Smart citizens case study (Day 19) webinar
- **Week 23** 10 h **Green Urban solutions** (Day 20) sustainable food system for the cities, ecological systems and solutions to better condition of urban environment hackaton

ICT module

Soft skills and technical skills Module

(webinars, hackatons, students own work)