Layers

Digital World
- Business
- Functional
- Information
- Communication

Physical World
- Integration
- Asset

Life Cycle Value Stream
IEC 62890

Hierarchy Levels
IEC 62264//IEC 61512

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ICS 03.100.01; 25.040.01; 35.240.50

Development | Maintenance Usage
Type

Production | Maintenance Usage
Instance

Connected World
Enterprise
Work Centers
Station
Control Device
Field Device
Product

Vertical & Horizontal Data Transport

Layers

3	Master's Thesis 30 CP					(30 CP)
2	Robotic Systems 5 CP	Data Science & Analytics 5 CP	Mathematical Modelling of ICPS 5 CP	Innovation Engineering 5 CP	Peer Project *) 10 CP	(30 CP)
1	Industrial Cyber-Physical Systems 5 CP	Industrial Internet of Things 5 CP	Digitalization Engineering 5 CP	Human Factors and Augmented Reality 5 CP	Group Project *) 10 CP	(30 CP)

NB:
Semester 1 starts in March.
Semester 2 starts in September.

*) Module is offered each semester.

Legend:
- mandatory module
- compulsory optional subject
- project/practical module