

Course

Mechanical system development engineering



General content

Subject	Credits
Introduction to home appliances sector	0.2
Application of home appliances	4
Smart home and conectivity	1.6
Regulations and standardization	1.6
Product and production engineering	2.6
Economical performance and costs	0.8
Innovation management	0.4
Intellectual property	0.8
	12

Specific content

Subject	Credits
Introduction to HW&SW in home appliances	3
Selection and life-cycle of materials	6
Advanced computer-aided design	3
Plastic part design	3
Design of metal components	3
Design for assembling	1.5
Vibroacoustics & fatigue	4.5
Industrial processes and technologies of home appliances' manufacturing	6
	30

Industrial internship **12**

Master's thesis **6**

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