

ICT WG: Analysis of study programs per number of courses and number of ECTS per each group of subjects

Group	RI ETF UNBL	RI ETF UNSA	RI ETF UNTZ	IT FIT UNMO	INF PMF UNBL	Range of ECTS per course	Range of ECTS per group
Mathematics – algebra 80%	7 1	5 1	12 2	0 0	19 3	5-7	0-19
Applied mathematics 60%	5 1	10 2	18 3	0 0	0 0	0-6	0-18
Physics 60%	7 1	5 1	12 2	0 0	0 0	0-7	0-12
Electrical engineering and electronics 60%	26 4	7 1	20 3	0 0	0 0	0-8	0-26
English language 60%	6 2	0 0	0 0	10 3	4 2	0-4	0-10
Basics of computer science 80%	7 1	0 0	12 2	7 1	13 2	0-7	0-13
Formal methods 60%	7 1	5 1	0 0	0 0	6 1	0-7	0-7
Program languages and translators 80%	6 1	5 1	6 1	0 0	17 2	0-11	0-17
Software engineering 80%	16 3	14 3	0 0	7 1	7 1	0-7	0-16
Project management 60%	4 1	4 1	0 0	7 1	0 0	0-7	0-7
Processing of signal and image 80%	29 5	5 1	24 4	0 0	7 1	0-7	0-29
Artificial intelligence 80%	6 1	5 1	6 1	0 0	7 1	0-7	0-7
Embedded systems 80%	36 6	9 2	13 2	0 0	7 1	0-7	0-36
Verification, validation, and software quality control 60%	11 2	5 1	0 0	7 1	0 0	0-7	0-11
Security and protection of computers 40%	12 2	0 0	0 0	10 2	0 0	0-6	0-12

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Automated management 40%	11 2	0 0	6 1	0 0	0 0	0-6	0-11
Modeling and simulation 40%	0 0	5 1	12 2	0 0	0 0	0-6	0-12