

ICT – Second Cycle

List of courses

Course code	Course title	ECTS
TI – 701	Software engineering (C1)	10
TI – 702	Enviromatics (C1)	10
TI – 703	Computer graphics – advanced course (C1)	10
TI – 801	Distributed computer systems (C1)	10
TI – 802	ICT in education (C1)	10
TI – 803	Microprocessors and microcontrollers (E2)	10
TI – 804	Stochastic modeling and simulation (E2)	10
TI – 911	Modern processor architectures (E2)	10
TI – 912	Wireless and ad-hoc computer networks (E2)	10
TI – 921	Information systems security and cryptography (E2)	10
TI – 922	Software engineering for web-applications (E2)	10
TI – 931	ICT in industry (E2)	10
TI – 932	Wireless sensor network (E2)	10
TI – 941	Application and transfer of ICT in education (E2)	10
TI – 942	Design and implementation of ICT solutions in education (E2)	10
TI – 951	Digital signal processing (E2)	10
TI – 952	Digital image processing (E2)	10
TI – 961	Data visualization (E2)	10
TI – 962	Virtual engineering – advanced course (E2)	10
TI – 971	Information systems design and development (E2)	10
TI – 972	E-business process modeling (E2)	10

(C) – Compulsory

(E) – Elective

(1) – First year

(2) – Second year

 - Winter semester

 - Summer semester