

**RESEARCH ITINERARY / SYSTEMS INTENSIFICATION**

CODE	COURSES	ECTS	TYPE	SEMESTER
COMPULSORY				
593000118	DATA MODELLING AND ANALYSIS IN ENGINEERING	5	Comp.	1
593000119	ADVANCED RESEARCH SEMINARS I	5	Comp.	1
593000104	WIRELESS COMMUNICATIONS	5	Comp./Elec. 15 ECTS.	1
593000107	ADVANCED DIGITAL ARCHITECTURES	5		1
593000105	RF DESIGN	5		2
593000106	DIGITAL SIGNAL PROCESSING FOR COMMUNICATIONS	5		2
593000108	ADVANCED VIRTUAL INSTRUMENTATION SYSTEMS	5		2
593000109	EMBEDDED SYSTEMS	5		2
593000120	ADVANCED RESEARCH SEMINARS II	5	Comp.	2
593000122	RESEARCH MASTER THESIS	15	Comp.	1 y 2
ELECTIVE				
593000184	ICT MANAGEMENT IN ORGANIZATIONS	2	Elec. 10 ECTS	1
593000185	ICT AND THE INFORMATION SOCIETY	3		1
593000186	WIRELESS COMMUNICATIONS	5		1
593000189	ADVANCED DIGITAL ARCHITECTURES	5		1
593000191	AUDIO AND VIDEO SIGNAL PROCESSING	5		1
593000193	UBIQUITOUS AND SECURE NETWORKS AND SERVICES	5		1
593000187	RF DESIGN	5	Elec. 5 ECTS	2
593000188	DIGITAL SIGNAL PROCESSING FOR COMMUNICATIONS	5		2
593000190	ADVANCED VIRTUAL INSTRUMENTATION SYSTEMS	5		2
593000182	EMBEDDED SYSTEMS	5		2
593000192	ADVANCED VIDEO&AUDIO CODING	5		2
593000183	SIGNAL RECOGNITION	5		2
593000194	TELEMATIC SERVICES FOR THE INFORMATION SOCIETY	5		2
593000195	SERVICES AND PROTOCOLS ENGINEERING	5		2