

# Master's programme in Embedded Electronics Engineering

## Study Year 1, Academic Year 2009/10 (Mandatory Courses)

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	09/10 sp4
<a href="#">ETI063</a>	6	A	X	E	Analogue IC-design		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">ETI130</a>	6	A	X	E	Digital IC-design		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">EIT120</a>	7.5	G2	X	E	Introduction to Structured VLSI Design		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">ETI220</a>	6	A	X	E	Integrated A/D and D/A Converters		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	
<a href="#">ETIN01</a>	12	A	X	E	IC-project & Verification		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	1
<a href="#">ETI280</a>	6	G1	X	S	Intellectual Property Right Management (IPR)		<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a>	

## Elective Courses - MSOC

Course Code	Credits	Cycle		From year	S.Ex. stud.	Language		Course Name	Footnote	Links			
		Year									sp4		
<a href="#">EITF20</a>	7.5	G2	2 - 10/11	1	X	E2		Computer Architecture		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">EDA385</a>	7.5	A	2 - 10/11	1	X	E2		Design of Embedded Systems, Advanced Course		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">FFF110</a>	7.5	G2	2 - 10/11	1	X	E2		Processing and Device Technology		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">EITN25</a>	15	A	2 - 10/11	2	-	E2		Project in System-on-Chip		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETI031</a>	6	G2	2 - 10/11	1	X	E		Radio		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">FFF021</a>	7.5	A	2 - 10/11	1	X	E1		Semiconductor Physics		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETI180</a>	6	A	2 - 10/11	1	X	E		DSP-design		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">EITN25</a>	15	A	2 - 10/11	2	-	E2		Project in System-on-Chip		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">FFF042</a>	7.5	A	2 - 10/11	1	X	E2		The Physics of Low-dimensional Structures and Quantum Devices		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETI032</a>	9	A	2 - 10/11	1	X	E2		Radio Electronics		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETI135</a>	4.5	A	2 - 10/11	1	X	E		Advanced Digital IC Design		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETI121</a>	6	A	2 - 10/11	1	X	E2		Algorithms in Signal Processors ☒ Project Course		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETIN10</a>	7.5	A	2 - 10/11	1	X	E		Channel Modelling for Wireless Communication		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">FFF115</a>	7.5	A	2 - 10/11	1	X	E1		High Speed Devices		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETI170</a>	6	A	2 - 10/11	1	X	E		Integrated Radio Electronics		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">EITN25</a>	15	A	2 - 10/11	2	-	E2		Project in System-on-Chip		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETIN05</a>	6	A	2 - 10/11	1	X	E		Advanced AD/DA Converters		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETI290</a>	6	A	2 - 10/11	1	X	E1		Advanced Analogue Design		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">EEMN01</a>	7.5	A	2 - 10/11	1	X	E2		Micro Sensors		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">FFF160</a>	7.5	A	2 - 10/11	1	X	E2		Nanoelectronics		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">EIT140</a>	7.5	A	2 - 10/11	1	X	E		OFDM for Broadband Communication		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">EITN25</a>	15	A	2 - 10/11	2	-	E2		Project in System-on-Chip		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETI041</a>	6	A	2 - 10/11	1	X	E2		Radio Project		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>
<a href="#">ETIN15</a>	7.5	A	2 - 10/11	1	X	E		Radio Systems		<a href="#">KS</a>	<a href="#">KE</a>	<a href="#">U</a>	<a href="#">W</a>