

# **Master's programme in Embedded Electronics Engineering**

**Study Year 1, Academic Year 2021/22 (Mandatory Courses)**

Course Code	Credits	Cycle	S.Ex. stud.	Language	Course Name	Footnote	Links	21/22	21/22	21/22	21/22
								sp1	sp2	sp3	sp4
<a href="#">ETIN20</a>	7.5	A	X	E	Digital IC-design		<a href="#">KS KE U W T</a>	1			
<a href="#">EITE35</a>	7.5	G2	X	E	Introduction to Structured VLSI Design		<a href="#">KS KE U W T</a>	1			
<a href="#">ETIN25</a>	7.5	A	X	E	Analogue IC-design		<a href="#">KS KE U W T</a>		2		
<a href="#">ETIN55</a>	7.5	A	X	E	Integrated A/D and D/A Converters		<a href="#">KS KE U W T</a>		2		
<a href="#">ETIA10</a>	7.5	G1	X	E	Patent and Intellectual Property Rights		<a href="#">KS KE U W T</a>			3	
<a href="#">ETIN35</a>	7.5	A	X	E	IC-project 1		<a href="#">KS KE U W T</a>			3	4
<a href="#">EDAN15</a>	7.5	A	X	E	Design of Embedded Systems		<a href="#">KS KE U W T</a>				4

## Elective Courses - MSOC

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links				
										sp1	sp2	sp3	sp4
<a href="#">EITF50</a>	7.5	G2	1	1	X	E	An Introduction to Wireless Systems	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1				
<a href="#">ETIN70</a>	7.5	A	1	1	X	E	Modern Electronics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>	1				
<a href="#">EITF20</a>	7.5	G2	1	1	X	E	Computer Architecture	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">EDIN01</a>	7.5	A	1	1	X	E1	Cryptography	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">EITP01</a>	7.5	A	1	1	X	E1	High Speed Devices	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">ETIN50</a>	7.5	A	1	1	X	E	RF Amplifier Design	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>		2			
<a href="#">ETIN45</a>	7.5	A	1	1	X	E	DSP-design	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>			3		

Course Code	Credits	Cycle	Year	From year	S.Ex. stud.	Language	Course Name	Footnote	Links			
									sp1	sp2	sp3	sp4
<a href="#">EITN30</a>	7.5	A	1	1	X	E	Integrated Radio Electronics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				3
<a href="#">EITN30</a>	7.5	A	1	1	X	E1	Internet Inside	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				3
<a href="#">EITP05</a>	7.5	A	1	1	X	E1	Nanoelectronics	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				3
<a href="#">BMEN20</a>	7.5	A	1	1	X	E1	Project Course in Signal Processing – from Idea to App	<a href="#">KS</a> <a href="#">KE</a> <a href="#">U</a> <a href="#">W</a> <a href="#">T</a>				3