

Required modules

Module number	Module name	1 st semester	2 nd semester	3 rd semester	Credits
		Lecture (Lecturer) (L/E/P)	Lecture (Lecturer) (L/E/P)	Lecture (Lecturer) (L/E/P)	
NES-11 06 01-19.1	Lab Sessions	<i>RoboLab</i> (Fetzer) (0/0/2)	Semiconductor Technology Lab (Fetzer) (0/0/1)		5
NES-11 06 02-14.1	Principles of Dependable Systems	<i>Principles of Dependable Systems</i> (Fetzer) (2/2/0)			6
NES-12 10 01-14.1	Fundamentals of Estimation and Detection	<i>Fundamentals of Estimation and Detection</i> (Fettweis) (2/2/0)			6
NES-12 12 02.19.1	Semiconductor Technology	<i>Semiconductor Technology 1</i> (Bartha) (4/0/0)	<i>Semiconductor Technology 2</i> (Bartha) (2/0/0)		9
NES-12 08 02-14.1	Radio Frequency Integrated Circuits	<i>Radio Frequency Integrated Circuits</i> (Ellinger) (3/1/2)			7
NES-12 10 03-14.1	Hardware/Software Codesign	<i>Hardware/Software Codesign for Signal Processors</i> (Fettweis) (2/1/0)			4
NES-12 ASW-14.1	Academic and Scientific Work			<i>Paper Reading Group "Seminal Discoveries & Developments"</i> or <i>Nanoelectronic Systems Design Student Conference</i> (Dean of Studies) (3 hours per week) see catalogue Academic and Scientific Work	4
NES-12 PW-14.1	Project Work			<i>Project Work</i>	10

Last updated: 23rd October, 2019

- L Lecture
- E Exercise
- P Practical lab course