

électronique

Third Year

Compulsory courses

ELEC0055-1	<i>Electronic control systems</i> - Christophe GEUZAINÉ - Suppl : Paul BLEUS	30	30	-	5,5
ATFE0001-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	20

Optional courses

Choose one of the following courses :

[...] One General education course to be chosen from the University programme and approved by the President of the Board of Studies.

GEST1069-1	<i>Introduction to entrepreneurship</i> - Bernard SURLÉMONT	30	-	-	-
ECON0878-1	<i>Microeconomy applied to the engineering science</i> - Jean-Pierre HANSEN	30	-	-	-
ECON0099-1	<i>Industrial strategy: economic case analysis</i> - Jean-Pierre HANSEN	30	-	-	-

Students must moreover choose a total of 26 ECTS (4 X 6.5 ECTS) from the list below :

ELEC0431-1	<i>Electromagnetic energy transformation</i> - Christophe GEUZAINÉ	30	30	-	6,5
ELEC0014-1	<i>Electric Energy Transmission and Distribution</i> - Jean-Louis LILIEN	30	30	-	6,5
ELEC0017-1	<i>Indirect Effects of Electromagnetic Fields</i> - Véronique BEAUVOIS, Jean-Louis LILIEN	30	30	-	6,5
ELEC0029-1	<i>Analysis and operation of electric energy systems</i> - Thierry VAN CUTSEM	25	20	-	6,5
ELEC0047-1	<i>Systèmes électriques de puissance (aspects dynamiques)</i>	30	30	-	6,5
ELEC0054-1	<i>Application of Electrical Measuring Systems</i> - Philippe VANDERBEMDEN	30	30	-	6,5
ELEN0009-1	<i>Building Acoustics and Noise Control</i> - Jean-Jacques EMBRECHTS	30	30	-	6,5
ELEN0016-1	<i>Digital Image Processing</i> - Marc VAN DROOGENBROECK	30	30	-	6,5
ELEN0018-1	<i>Electroacoustics</i> - Jean-Jacques EMBRECHTS	30	30	-	6,5
ELEN0019-1	<i>Treatment of the audio signals: principles and experiments</i> - Jean-Jacques EMBRECHTS	30	30	-	6,5
ELEN0035-1	<i>CAD in (Analogue and Digital) On-Demand Microelectronics</i> - Jacques DESTINÉ	30	30	-	6,5
ELEN0038-1	<i>Microsystems</i> - Jacques DESTINÉ	30	30	-	6,5
ELEN0062-1	<i>Applied Inductive Learning</i> - Pierre GEURTS, Louis WEHENKEL	30	30	-	6,5
GBIO0008-1	<i>Medical imaging</i> - Christophe PHILLIPS	30	30	-	6,5
ELEN0069-1	<i>Nanoelectronics / Optoelectronics</i> - Benoît VANDERHEYDEN	30	30	-	6,5
ELEN0071-1	<i>Digital Signal Processing</i> - Jacques VERLY	30	30	-	6,5
ELEN0072-1	<i>Statistical Signal Processing</i> - Jacques VERLY	30	30	-	6,5
INFO0009-1	<i>Introduction to Data Bases</i> - Pierre WOLPER	30	30	-	6,5
INFO0010-1	<i>Introduction to Computer Networks</i> - Guy LEDUC	30	30	-	6,5
INFO0013-1	<i>Computer vision (english)</i> - Justus PIATER	30	30	-	6,5
INFO0025-1	<i>Compilers and Compiler Writers</i> - Pierre-Arnoul DE MARNEFFE	30	30	-	6,5
INFO0045-1	<i>Cryptography and Computer Security</i> - Tri-An BANH	30	-	-	3
INFO0060-1	<i>Concurrent System Verification and Temporal Logic</i> - Bernard BOIGELOT, Pascal GRIBOMONT, Pierre WOLPER	30	30	-	6,5
INFO0064-1	<i>Embedded Systems</i> - Bernard BOIGELOT	30	30	-	6,5
INFO0065-1	<i>Seminar on Intrusion Systems</i> - Marc DACIER	10	50	-	6,5
MATH0461-1	<i>Intorduction to optimization</i> - Quentin LOUVEAUX	30	30	-	6,5
MATH0462-1	(pas organisé en 2008-2009) <i>Discrete optimization</i> - Quentin LOUVEAUX	30	30	-	6,5
SYST0017-1	<i>Non linear systems</i> - Rodolphe SEPULCHRE	30	30	-	6,5

[...] Students must also choose one or more university courses totalling 5.5 ECTS.