

## Block view of the study programme

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### Block 1

This programme constitutes the third year of the transdisciplinary 'Digital Business' programme. Admission is based on application and is restricted to graduates of the master's degree in computer science with a specialised focus in management or the master's degree in computer engineering with a specialised focus in management.

*Notice* : The student is exempted from the Master's thesis due to the interdisciplinary thesis completed as part of the Master in Computer Science or the Master in Computer Engineering.

### Core curriculum compulsory courses

GEST0193-1	<i>Business Simulation</i> - Anne BILS, Anne CHANTEUX, Wilfried NIESSEN - [30h Mon. WS]	TA	-	-	[+]	2
INFO2048-1	<i>Business Analytics</i> (english language) - Michael SCHYNS	Q2	30	-	-	5
GEST3754-1	<i>Entrepreneurship and Innovation</i> (english language) - Frédéric DUFAYS, Frédéric OOMS	Q1	30	-	-	5
GEST7108-1	<i>Leadership</i> (english language) - Michaël PARMENTIER	Q1	30	-	-	5
GEST7064-1	<i>Digital Business Capstone Project</i> - Ashwin ITTOO, Michael SCHYNS	TA	15	15	-	5

### Common core courses

Choose one of the following courses :

FINA0050-1	<i>Corporate Finance - Lectures and Seminars</i> (english language) - Marie LAMBERT	Q2	30	-	-	5
MQGE9006-1	<i>Forecasting and Microsimulation</i> (english language)	Q2	30	-	-	5

Choose one of the following courses :

FINA9030-1	<i>Sustainable Finance</i> (english language) - <i>Ethics and Sustainability in Finance</i> - Patrick SCHWARZ - <i>Sustainable Business Models : a Serious Game</i> - Virginie XHAUFLAIR	Q2	18	-	-	5
TECH2002-1	<i>Life Cycle Management</i> (english language) - <i>Life Cycle Assessment &amp; Ecodesign</i> - Andrea DI MARIA, Angélique LÉONARD - <i>Sustainable Business Models : a Serious Game</i> - Virginie XHAUFLAIR	Q2	18	-	-	5
GEST7106-1	<i>Reporting and Metrics for Sustainability</i> (english language) - <i>Sustainability Reporting and Strategy</i> - Nathalie CRUTZEN - <i>Sustainable Business Models : a Serious Game</i> - Virginie XHAUFLAIR	Q2	18	-	-	5

Choose one of the following courses :

LANG1945-1	<i>Elementary German 2</i>	Q1	30	-	-	5
LANG1946-1	<i>Elementary Spanish 2</i>	Q1	30	-	-	5
LANG1948-1	<i>Elementary Dutch 2</i> (dutch language)	Q1	30	-	-	5

### Focus compulsory courses

FINA0052-1	<i>Financial Derivatives</i> (english language) - Patrick SCHWARZ	Q2	30	-	-	5
MQGE0007-1	<i>Financial Mathematics and Stochastic Calculus</i> (english language) - Elise VANDOMME	Q2	30	-	-	5
FINA0053-1	<i>Investments and Portfolio Management</i> (english language) - Georges HÜBNER, Patrick SCHWARZ	Q2	30	-	-	5
FINA0064-1	<i>Financial Risk Modeling</i> (english language) - Julien HAMBUECKERS	Q1	30	-	-	5

### Focus optional courses

Choose two courses out of the following :

FINA0065-1	<i>Advanced Corporate Finance</i> (english language) - Marie LAMBERT	Q1	30	-	-	-	<b>5</b>
FINA0063-1	<i>Advanced Statistical Methods in Finance</i> (english language) - Julien HAMBUCKERS	Q1	30	-	-	-	<b>5</b>
ELEC0018-1	<i>Energy markets and regulation</i> (english language) - Damien ERNST	Q1	39	13	-	-	<b>5</b>
FINA9013-1	<i>Strategic Financial Analysis</i> (english language) - Marie LAMBERT - [30h AUTR]	Q1	-	-	-	[+]	<b>5</b>

Notice : access on file