

#### Cycle view of the study programme

B1 Or Th Pr Au Cr

This programme is the 3rd year of the multi-disciplinary 'Digital Business' programme, which is only open to graduates of the Master of Science (MSc) in Computer Science, specialised focus in management, or the Master of Science (MSc) in Computer Science and Engineering, specialised focus in Management.

*Notice* : Students are exempt from the final dissertation if they submit their interdisciplinary dissertation carried out during the Master of Information Sciences or the Master of Digital Civil Engineering.

#### Compulsory courses (B1 : 35Cr)

INFO2048-1	<i>Business Analytics</i> (english language) - Michael SCHYNS	B1	Q2	30	-	-	5
INFO0934-8	<i>Information Technology Management</i> (english language) - Samedi HENG, Ashwin ITTOO	B1	Q2	30	-	-	5
GEST3752-1	<i>Change Management</i> (english language) - Olivier LISEIN	B1	Q1	30	10	-	5
FINA0050-1	<i>Corporate Finance - Lectures and Seminars</i> (english language) - Marie LAMBERT	B1	Q1	30	-	-	5
MARK9302-1	<i>International Marketing Seminar</i> (english language) - Claire GRUSLIN, Benjamin ÖSTERLE	B1	Q1	30	-	-	5
GPRO0002-1	<i>Skills workshops</i> - David HOMBURG	B1	TA	-	-	-	5
GEST7064-1	<i>Digital Business Capstone Project</i> - Samedi HENG, Ashwin ITTOO, Michael SCHYNS	B1	TA	15	15	-	5

#### Optional courses (B1 : 33Cr)

Choose one of the following courses : (B1 : 3Cr)

LANG1945-1	<i>Elementary German 2</i> - Laurent GIANOTTI	B1	Q1	30	-	-	3
LANG1946-1	<i>Elementary Spanish 2</i> - Alba CARVAJAL LAGAREJO, Véronique PEIFFER	B1	Q1	30	-	-	3
LANG1948-1	<i>Elementary Dutch 2</i> (dutch language) - Fanny NSITA	B1	Q1	30	-	-	3

Choose one focus from the following : (B1 : 30Cr)

#### Supply Chain Management and Business Analytics (B1 : 30Cr)

MQGE0002-3	<i>Computational Optimization</i> (english language) - Yves CRAMA	B1	Q2	30	-	-	5
LOGI0012-1	<i>Logistics and Transportation</i> (english language) - Sabine LIMBOURG	B1	Q2	30	-	-	5
LOGI0013-1	<i>Operation Planning</i> (english language) - Yasemin ARDA	B1	Q2	30	-	-	5
LOGI0016-1	<i>Quality, Ethics and Sustainability in Supply Chain Management</i> (english language) - Yves CRAMA, Célia PAQUAY, Virginie XHAUFLAIR	B1	Q1	30	-	-	5

Choose two courses out of the following : (B1 : 10Cr)

LOGI0017-1	<i>Distribution Management</i> (english language) - Sabine LIMBOURG	B1	Q1	30	-	-	5
LOGI0015-1	<i>ERP Solutions for Supply Chains</i> (english language) - Yasemin ARDA, Véronique FRANÇOIS, Samedi HENG	B1	Q1	30	-	-	5
INFO2049-1	<i>Web and Text Analytics</i> (english language) - Ashwin ITTOO	B1	Q1	30	-	-	5

#### Financial Engineering (B1 : 30Cr)

FINA0052-1	<i>Financial Derivatives</i> (english language) - Julien HAMBUECKERS	B1	Q2	30	-	-	5
MQGE0007-1	<i>Financial Mathematics and Stochastic Calculus</i> (english language) - Célia PAQUAY	B1	Q2	30	-	-	5
FINA0053-1	<i>Investments and Portfolio Management</i> (english language) - Georges HÜBNER	B1	Q2	30	-	-	5

FINA0060-1	<i>Empirical Methods in Financial Markets - Theory and Applications</i> (english language) - Cédric HEUCHENNE	B1	Q1	30	-	-	<b>5</b>
------------	---	----	----	----	---	---	----------

Choose two courses out of the following : (B1 : 10Cr)

FINA0065-1	<i>Advanced Corporate Finance and Modeling</i> (english language) - Marie LAMBERT	B1	Q1	30	-	-	<b>5</b>
------------	---	----	----	----	---	---	----------

FINA0085-1	<i>Ethics, Regulation and Compliance in Finance</i> (english language) - Yves FRANCIS	B1	Q1	30	-	-	<b>5</b>
------------	---	----	----	----	---	---	----------

FINA0063-1	<i>Advanced Statistical Methods in Finance</i> (english language) - Julien HAMBUECKERS	B1	Q1	30	-	-	<b>5</b>
------------	--	----	----	----	---	---	----------

FINA0064-1	(pas organisé en 2021-2022) <i>Financial Risk Modeling</i> (english language)	B1	Q1	30	-	-	<b>5</b>
------------	---	----	----	----	---	---	----------

FINA9013-1	<i>Strategic Financial Analysis</i> (english language) - Marie LAMBERT - [30h AUTR]	B1	Q1	-	-	[+]	<b>5</b>
------------	---	----	----	---	---	-----	----------