

The FinTech program comprises of 36 credit hours distributed as follows: 18 hours core courses, (6) hours electives, in addition to 12 credit hours for thesis as illustrated in the following study plan:

### Programme Structure

#### Foundation Courses (6 Credits)

##### First Semester:

Course code	Course title	LEC	LAB	CRE	Prerequisite
ACCT 510	Financial Accounting	3	0	3	
FINC 510	Managerial Finance	3	0	3	

**Total Per Semester**

**6**

\* Not counted towards the 36 credits necessary for the MSc FinTech degree

#### First Year (18 Credits)

##### First Semester:

Course code	Course title	LEC	LAB	CRE	Prerequisite
FINT 511	Fundamentals of Financial Technology	3	0	3	
FINT 512	Corporate Finance	3	0	3	
FINT 513	Blockchain and Cryptocurrencies Technologies	2	2	3	

**Total Per Semester**

**9**

##### Second Semester:

Course code	Course title	LEC	LAB	CRE	Prerequisite
FINT 514	Portfolio Theory & Investment Analysis	3	0	3	FINT 512
FINT 558	Research Methodology	2	2	3	
FINT 515	Big Data Analytics and Machine Learning in Finance	2	2	3	

**Total Per Semester**

**9**

#### Second Year (18 Credits)

##### First Semester:

Course code	Course title	LEC	LAB	CRE	Prerequisite
	Major Elective			3	
	Major Elective			3	

**Total Per Semester**

**6**

##### Second Semester:

Course code	Course title	LEC	LAB	CRE	Prerequisite
FINT 599	Dissertation in FinTech	0	6	12	FINT 558 AND Completion of at least 21 credits

**Total Per Semester**

**12**

##### Elective Courses:

Course code	Course title	LEC.	LAB.	CRE.	Prerequisite
FINT 516	FinTech Ethics and Risks	3	0	3	
FINT 517	Cybersecurity & RegTech	2	2	3	
FINT 518	Entrepreneurship in FinTech	3	0	3	
FINT 519	Algorithm and High-Frequency Trading	2	2	3	