

Module Title:	Enabling Technologies and Business Opportunities in Finance	Level:	5	Credit Value:	20
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Module code:	BUS575	Is this a new module? Yes	Code of module being replaced:	n/a
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Cost Centre:	GAMG	JACS3 code:	N212
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Trimester(s) in which to be offered:	2	With effect from:	September 17
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School:	Business	Module Leader:	Kelvin LEONG
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Scheduled learning and teaching hours	30hrs
Guided independent study	170hrs
Placement	0hrs
Module duration (total hours)	200hrs

Programme(s) in which to be offered	Core	Option
BSc (Hons) in Financial Technology Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BSc (Hons) in Business Decision Making	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Pre-requisites
None

Office use only

Initial approval February 17

APSC approval of modification *Enter date of approval*

Version 1

Have any derogations received SQC approval?

N/A

Module Aims

Several governments over the world have placed Financial Technology (FinTech) at the heart of their economic development strategies. This module aims to provide students with an understanding of the key trends in FinTech and the drivers behind it. Through this module students will learn and understand how enabling technologies create business value. By the end of the module students should be able to identify business opportunities and then to suggest corresponding technology solutions for financial services firms.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to		Key Skills	
1	Discuss the impacts of internet-of-things on business world and identify business opportunities under the global trend of industry 4.0.	KS1	KS5
		KS3	KS6
		KS4	
2	Explain how technology is impacting on financial services and the drivers behind this.	KS1	KS5
		KS3	KS6
		KS4	
3	Analyse and recognise the significance of trends and role of stakeholders in the Fintech environment and their impact on the future of Financial Services.	KS1	KS5
		KS3	KS6
		KS4	
4	Suggest and evaluate the use of technology for creating business value in financial service industry.	KS1	KS5
		KS3	KS6
		KS4	KS10

Derogations

N/A

Assessment:

Assessment 1 requests students to undertake a piece of research related to emerging technologies in Finance.

Assessment 2 requests students to undertake a piece of research into relevant issues within FinTech.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1,2	Essay	50		2000
2	3,4	Essay	50		2000

Learning and Teaching Strategies:

According to the learning outcomes, lectures will allow concepts, theories and principles to be outlined. Tutorials and activity-based sessions will provide further use of real world business examples in applying relevant concepts, theories and principles into practice. In addition, students will be encouraged to undertake self-directed study and further research on selected topics to acquire additional perspectives which will provide them with a deeper understanding of the topics covered.

Syllabus outline:

1. Types of financial services
2. Internet-of-things and Industry 4.0
3. The concepts of Financial Technology (FinTech)
4. Global market trend of Financial Technology (FinTech)
5. Driving forces of Financial Technology (FinTech)
6. Technology and business opportunities
7. Technology adoption and implementation
8. Technology life cycles
9. Creating business value from technologies

Bibliography:

Essential reading

Textbook:

Chishti, S. and Barberis, Janos. (2016) *The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries*, Hoboken: Wiley.

Other indicative reading

Textbooks:

Freedman, R. (2006) *Introduction to Financial Technology (Complete Technology Guides for Financial Services)*, Elsevier Science & Technology.

William, J. (2016) *FinTech: The Beginner's Guide To Financial Technology*, CreateSpace Independent Publishing Platform.

Journals

Harvard Business Review
MIS Quarterly

Websites:

<http://innovatefinance.com/about>
<http://www.fintechinnovators.com/>