1. **Title of the module**

BUSN9195 (CB9195): Financial Technology

1. **Division or partner institution which will be responsible for management of the module**

Kent Business School

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 7

1. **The number of credits and the ECTS value which the module represents**

15 credits (7.5. ECTs)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn

1. **Prerequisite and co-requisite modules**

None

1. **The courses of study to which the module contributes**

MSc Financial Technology

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**

8.1 Demonstrate knowledge and understanding of the advanced concepts and theory within the field of finance and financial technology, and their application to a company’s financial decisions

8.2 Demonstrate knowledge and understanding of complex theoretical and practical aspects of key areas of finance and financial technology

8.3 Demonstrate systematic knowledge and understanding of up-to-date empirical literature in the fields of finance and financial technology

8.4 Demonstrate an in-depth knowledge and understanding of financial systems and the technology that supports them

1. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**

9.1 Apply theories to complex practical and theoretical problems

9.2 Demonstrate advanced problem-solving skills

9.3 Analyse important issues relevant to companies’ financial decisions

9.4 Conduct research in the area of finance and financial technology

1. **A synopsis of the curriculum**

This module will provide students with a core understanding of Financial Technology applications, and specifically how a wide range of disruptive innovations are reshaping the financial system. Particular emphasis will be placed on understanding how banks and other financial institutions can benefit from using these technologies. The module will cover the following indicative topics

* Introduction to FinTech
* Payments, cryptocurrencies and blockchain
* Digital finance
* New forms of lending and crowdfunding
* Data and technology in financial services
* The role of artificial intelligence and machine learning

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

* N. Pedersen, “*Financial Technology*”, 2020, KoganPage, ISBN 9781789665437
* S. Chishti and J. Barberis, “*The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries*”, 2016, Wiley, ISBN 9781119218876R.
* Freedman, “*Introduction to Financial Technology*”, 2006, Elsevier, ISBN 9780123704788

1. **Learning and teaching methods**

* Total contact hours: 36
* Private study hours: 114
* Total study hours: 150

1. **Assessment methods**
   1. Main assessment methods

2 hour examination (70%)

Individual report – 2000 words (30%)

13.2 Reassessment methods

Exam (100%)

1. **Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 9.1 | 9.2 | 9.3 | 9.4 |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |
| Lectures | X | X | X | X | X | X | X | X |
| Seminars/Labs | X | X | X | X | X | X | X | X |
| Independent study | X | X | X | X | X | X | X | X |
| **Assessment method** |  |  |  |  |  |  |  |  |
| Examination (2 hours) | X | X | X | X | X | X | X | X |
| Individual Report (2000 words) | X | X | X | X | X | X | X | X |

1. **Inclusive module design**

The Division recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

1. **Internationalisation**

Financial Technology constitutes an area that is international by nature. The module will focus on how disruptive technologies are reshaping the global financial landscape, with practical examples of specific technologies and their impacts across different countries and financial systems around the world.

**DIVISIONAL USE ONLY**

**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
|  |  |  |  |  |
|  |  |  |  |  |