

LIBF

BSc (Hons) Business Information Systems

Programme Specification



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General Information

UCAS Code	Award	Programme Title	Expected Duration	Study Mode
N/A	BSc (Hons)	Business Information Systems	3 years 4 years 6 years	Full-time Part-time 1 Part-time 2
		Programme Code UK-LIBF-BABIT		
	Exit Awards	<ul style="list-style-type: none"> • BSc (non-Hons) • Diploma of Higher Education • Certificate of Higher Education 		

Credit Count	360 FHEQ credits
Awarding Institution	The London Institute of Banking & Finance
Teaching Institution	The London Institute of Banking & Finance
Delivery Modes	<ul style="list-style-type: none"> • Face-to-face • Blended • Online – Synchronous • Online – Asynchronous

Date of original production	October 2023	Date of current version	June 2024
Record of modifications			

Programme Overview

Programme Summary

In the ever-evolving landscape of global business, the integration of technology and business acumen has become an imperative for success. The programme aims to create professionals who can navigate the complexities of modern business environments while leveraging the power of information technology. The BSc (Hons) Business Information Systems programme is structured to provide a comprehensive understanding of both business and IT fundamentals, preparing you for a successful career in a wide range of industries and rapidly evolving business environments.

The core modules of the programme cover a broad spectrum of topics, providing a well-rounded understanding of business and IT. Modules like Business 101 and Management Accounting, and Corporate Finance and Investment provide a well-rounded understanding of the business landscape. Further subjects like Digital Business Models, Data Analytics and Big Data, and Fundamentals of IT and ERP Systems delve deeper into the convergence of business information systems.

In addition to the core modules, the programme also offers a wide variety of elective modules, allowing you to explore areas that are most relevant to your interests and career goals, such as Business Intelligence, Cyber Security, and Supply Chain Management.

Programme Aims

The BSc (Hons) Business Information Systems programme aims to:

- develop an in-depth knowledge and understanding of the concepts, principles, and terminology used in the development and management of business information systems;
- enable you to analyse, design, and implement solutions to business problems through the effective application of IT tools and techniques;
- equip you with the skills and knowledge necessary to communicate business and IT concepts to both technical and non-technical stakeholders, facilitating effective collaboration and risk mitigation;
- provide you with an ethical foundation to apply to considerations in business information systems practices; and

- encourage you to become a lifelong learner, who is committed to continuous personal and professional development, enabling you to stay current with evolving trends and technologies.

Employability & Graduate Outcomes

Graduates of this programme are likely to pursue careers in a number of areas in the IT field, including but not limited to business analysis, project management, and consulting. This programme of study supports graduates in developing the following employability skills:

- digital and technical literacy
- analytical skills
- organizational skills
- communication and collaboration skills
- problem-solving skills

Intended Learning Outcomes of the Programme

This programme has been developed in accordance with the QAA Subject Benchmark Statement for Bachelor's Degrees in Computing (2022).

Please note: The programme's intended learning outcomes below are described at the Bachelor with Honours level (Level 6).

On successful completion of this programme, you will be expected to:

- L01** Demonstrate a critical understanding of the fundamental theories and methods of business administration and how they are affected by current developments and trends including digitalization, collaboration, and sustainability.
- L02** Demonstrate a critical understanding of relevant theoretical underpinnings and fundamental concepts of computing including mathematics, data structures, programming languages, data modelling, and database systems.
- L03** Demonstrate a systematic knowledge of the theoretical foundations of IT enterprise architecture, their applications and benefits for business process management.

- L04** Apply programming skills, including propositional logic, and knowledge of statistics for data analysis to develop solutions to business problems.
- L05** Apply systematic knowledge of data structures and database management techniques to effectively manage large data sets.
- L06** Critically analyse the influence of current trends in digital business and their potential impact on the business landscape, including data protection and big data.
- L07** Analyse and interpret business data, financial statements, budgets, cost structures, key performance indicators for investment management and sources of financing for business decision-making.
- L08** Critically assess common and modern software engineering methods and processes including requirements engineering.
- L09** Evaluate Big Data IT architectures and methods of data analysis to develop solutions to real-world business problems.
- L010** Critically apply appropriate academic skills to identify research gaps, to formulate research questions, to answer them comprehensively.

The Structure of the Programme

The BSc (Hons) Business Information Systems programme is offered as a 3-year full-time programme or in part-time mode over a 4 or 6-year period.

The programme is divided into modules which include both compulsory and elective modules with a weighting of 15 credits each and a thesis with a weighting of 30 credits. All modules in the programme are assigned to one of three levels (L4/L5/L6) which reflect the depth of learning required in the relevant level and year of study.

To achieve a full-honours award, you need to complete modules with a combined weight of 360 credits, including the final thesis.

Table 1: Structure of the Programme

Module Code	Module Name	Level	Credit	Compulsory/ Elective
Year 1				
LIBFEXDLBCSICS	Introduction to Computer Science	4	15	C
LIBFEXDLBBAB_E	Business 101	4	15	C
LIBFEXDLBCSOOPJ	Object-oriented Programming with Java	4	15	C
LIBFEXDLBDSSPDS-01	Statistics - Probability and Descriptive Statistics	4	15	C
LIBFOARPDLCSCW	Collaborative Work	4	15	C
LIBFEXDLBCSRE	Requirements Engineering	4	15	C
LIBFEXDLBMAE	Management Accounting	4	15	C
LIBFEXDLBCSDSJCL	Data Structures and Java Class Library	4	15	C
Year 2				
LIBFAWDLBIAWITT	Introduction to Academic Work for IT and Technology	5	15	C
LIBFWACSDLBWIEPM_E	Introduction to Process Management	5	15	C
LIBFAWDLBCFIE	Corporate Finance and Investment	5	15	C
LIBFWAWADLBFMGSYS_E	Fundamentals of IT and ERP Systems	6	15	C
LIBFEXDLBCSDMDS	Database Modeling and Database Systems	4	15	C
LIBFAWDLBLODB_E	Digital Business Models	5	15	C

Elective from Group A		15	E	
Elective from Group A		15	E	
Year 3				
LIBFWAWADLBINGDABD_E	Data Analytics and Big Data	6	15	C
LIBFWAREDLBCSSCTCS	Seminar: Current Topics in Computer Science	6	15	C
Elective from Group B		15	E	
Elective from Group B		15	E	
Elective from Group C		15	E	
Elective from Group C		15	E	
LIBFBTDLBBT	Bachelor Thesis	6	30	C

Table 2: List of Electives

Module Code	Module Name	Level	Credit	Subject Area*
Electives A				
LIBFIRPFSINTER1	Internship I ¹	5	15	n/a
LIBFIRPFSINTER2	Internship II ¹	5	15	n/a
LIBFWACSDLBCSIITL	IT Law	5	15	n/a
LIBFWACSDLBCSIDM	Intercultural and Ethical Decision-Making	5	15	n/a
LIBFWACSIPWA2-01_E	Programming Information Systems with Java EE	5	15	n/a

¹ Check eligibility before booking module.

LIBFOPRRPDLBCSAPM	Agile Project Management	5	15	n/a
LIBFOPRRPAECPT	Project: AI Excellence with Creative Prompting Techniques	5	15	n/a
LIBFAWDLBCSTCSML	Theoretical Computer Science and Mathematical Logic	5	15	n/a
Electives B				
LIBFWAWADLBDSBDT	Big Data Technologies	6	15	D&BI
LIBFWAWADLBDSCC	Cloud Computing	6	15	D&BI
LIBFWAWADLBCSITSM-01	IT Service Management	6	15	IT
LIBFWAPRDLBCSPITSM	Project: IT Service Management	6	15	IT
LIBFWAWADLBCSIDPITS	Introduction to Data Protection and Cyber Security	6	15	CS
LIBFWAWADLBCSCT	Cryptography	6	15	CS
LIBFEXDLBDSEIMB1	International Marketing	4	15	IM&S
LIBFWAWADLBMSM1-01_E	Online Marketing	6	15	IM&S
LIBFWAWADLBDESECM1	Supply Chain Management I	6	15	SCM
LIBFWAWADLBDESECM2	Supply Chain Management II	6	15	SCM
LIBFWAWADLBNWENW_E	Introduction to New Work	6	15	HR
LIBFWAWADLBBWOB_E	Organizational Behavior	6	15	HR
Electives C				
LIBFWAWADLBCSEBI1	Business Intelligence	6	15	D&BI
LIBFWAPRDLBCSEBI2	Project: Business Intelligence	6	15	D&BI
LIBFWAWADLBCSEITPAM1	IT Project Management	6	15	IT

LIBFWAWAIAMG_E	IT Architecture Management	6	15	IT
LIBFWAWATOISC	Technical and Operational IT Security Concepts	6	15	CS
LIBFWAPRPCASS	Project: Configuration and Application of SIEM Systems	6	15	CS
LIBFWAWADLBDSEAS1	Applied Sales I	6	15	IM&S
LIBFWAWADLBDSEAS2	Applied Sales II	6	15	IM&S
LIBFWAWADLBINGPE_E	Product Development in Industry 4.0	6	15	SCM
LIBFWAPRDLBIEPPS	Project: Smart Product Solutions	6	15	SCM
LIBFWAWADHR	Digital HR	6	15	HR
LIBFWACSDLBINTIHR_E	International HR Management	5	15	HR

*

D&BI = Data and Business Intelligence	IT = IT Project Management	CS = Cyber Security
IM&S = International Marketing & Sales	SCM = Supply Chain Management & Industry 4.0	HR = Human Resources

Teaching, Learning & Assessment

Information about teaching, learning and assessment can be found in the Teaching, Learning and Assessment Strategy.

Our programmes are designed to:

- integrate theory with practice,
- develop your ability to critique and challenge models and theoretical frameworks,
- stimulate debate, discussion, and research,
- foster a variety of academic skills,

- be accessible and inclusive, and
- develop global citizens.

You are expected to undertake a considerable amount of independent study, including reading, industry-related research, and personal reflection.

Teaching Formats

The programme may be offered in various teaching formats, for example online or via blended learning.

You will have access to both asynchronous and synchronous teaching formats.

Via the Course Feed in the virtual learning environment, myCampus, you will be able to contact the module tutor in a flexible and accessible way.

This is also where Intensive Live Sessions are conducted synchronously with video-based elements. They serve to answer students' individual questions as well as to allow for group discussions.

Additionally, Learning Sprints² will offer a seven-week intense learning experience in which the lecturers guide students through the learning material in a very structured manner, with the goal of successfully preparing them to take the final assessment at the end. During this time, frequent synchronous online meetings are held, offering keynote speeches and interactive tasks.

Both the Intensive Live Sessions and Learning Sprints are recorded to further assist asynchronous learning.

In the blended format, teaching and learning combines online and in-person learning in a *flipped* classroom concept. Traditional classroom activities like lectures are conducted online via the learning platform, while in-class time is used for interactive work. On-campus elements like study groups and library study time complement this approach.

² Offered only when the minimum number of participants is reached.

Learning Resources

You will have access to a wide range of resources, which may include the following:

- myCampus: This Moodle-based central information and digital learning platform is organized based on programmes and modules. On the respective module pages in myCampus, you can access all study materials (e.g., course books (i.e., text books), reading lists, practice exams, and video galleries) as well as the links to all related resources and databases (e.g., MS Teams, links to the library for further reading, contact details of lecturers, links to the booking tool for online exams, and the Turnitin submissions page). In the blended model you have access to the same learning platform, with slight adaptations made to accommodate, for example, differences in study sequence.
- Learnhub App: You can access your learning materials in a digital app and have all your notes and highlights synchronised. The app supports different learning formats, such as reading and annotating course books, using different colour codes, assessing knowledge with interactive self-tests, or watching the latest videos of the current module.
- Our comprehensive online library is aligned with the study content and kept up to date. Compulsory and further reading is mentioned in the course and module descriptions available for the students and aims to provide them with unlimited access.

Assessment & Feedback

Regulations relating to progression and assessment, including information on late submissions, are as set out in The London Institute of Banking & Finance's General and Academic Regulations for Students.

Assessment strategies follow The London Institute of Banking & Finance's Higher Education Accessible and Inclusive Learning Policy.

Assessment consists of both formative and summative approaches, and feedback and feedforward are provided as outlined in the London Institute of Banking & Finance's Higher Education Assessing Learning & Feedback Policy. The different types of assessment used by the London Institute of Banking & Finance are described in the Higher Education Types of Summative Assessment Guidance.

Module assessment methods are included in Module Handbooks which are made available in myCampus.

Credit and Award

Credit Framework

The BSc (Hons) Business Information Systems programme is made up of 360 FHEQ credits. One credit approximates to 10 student effort hours; therefore, the total course requires an average of 3,600 hours of effort. Typically, one ECTS credit is the equivalent to two UK credits, although this may vary depending on the individual European state's requirements.

Award

On successful completion of the full programme, you will be awarded the

Bachelor's Honours Degree	360 credits, of which at least 90 credits must be at Level 6 and 30 credits must be obtained through the Bachelor Thesis
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Regulations

The London Institute of Banking & Finance's General and Academic Regulations for Students detail

- regulations governing the award of credit,
- how grades for awards are granted,
- time limits for completion of programmes of study
- capping of marks and regulations relating to the resitting of assessment components
- academic misconduct e.g., malpractice, and
- accreditation of prior learning (APL).

Exit Awards

In line with The London Institute of Banking & Finance's General and Academic Regulations for Students, the following applies:

Bachelor's Degree (non-Honours)	minimum of 300 credits, of which at least 60 credits must be at Level 6
Diploma of Higher Education	minimum of 240 credits, of which at least 90 credits must be at Level 5
Certificate of Higher Education	minimum of 120 credits, of which at least 90 credits must be at Level 4

Note: The London Institute of Banking & Finance does not award interim qualifications. For example, a student registered for the bachelor's degree will not automatically be awarded a Diploma or Certificate of Higher Education on completion of the required number of credits.

Professional Recognition

Credits gained via accreditation of prior learning (APL) into our awards may mean that students will not get certain exemptions from other institutions' higher education or professional awards that may recognise our programmes.

Criteria for Admission

All applications will be considered holistically and offers will be based on qualifications, subjects studied, any relevant work experience and personal statements demonstrating a desire to work in the relevant industry.

Students must be able to satisfy the general admissions criteria of The London Institute of Banking & Finance. Entry requirements for all proposed undergraduate programmes are:

- 2 A Levels, and
- GCSE Maths 4 (C in old grading system) or above, and
- GCSE English 4 (C in old grading system) or above, and
- English language competence equivalent to IELTS 6.0 with no less than 5.5 in any element. An online English test is offered (SPEEX) if IELTS not available.

Overseas qualifications may be accepted and will be subject to evidence of equivalency normally verified through ECCTIS (UK ENIC).

If applicants do not satisfy these criteria, they can communicate with the LIBF Admissions Team and discuss entry requirements.

Suitable work experience may be accepted as an alternative on an individual basis.

Mature students who do not meet the entry criteria may be eligible to enrol under the LIBF mature student process. Applicants should contact a member of the Admissions Team if they do not meet the criteria.

Benchmarks

External

- QAA UK Quality Code, including:
 - Subject Benchmark Statement for Computing (2022)
 - Level 6 descriptors in the Framework for Higher Education Qualifications in England, Wales and Northern Ireland
 - Higher Education Credit Framework for England

Internal

- The London Institute of Banking & Finance Code of Practice
- The London Institute of Banking & Finance General and Academic Regulations for Students

In addition, research with the relevant sector has been undertaken to ensure that the learning outcomes of the programme address identified skills and knowledge gaps.

Links

[Teaching, Learning and Assessment Strategy](#)

[The London Institute of Banking & Finance's General and Academic Regulations for Students](#)

[The London Institute of Banking & Finance's Code of Practice for Quality Assurance, Chapter 3: Accreditation of Prior Learning \(APL\)](#)

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[Accessible and Inclusive Learning Policy](#)

[Types of Summative Assessment](#)

[Higher Education Assessing Learning & Feedback Policy](#)

[Subject Benchmark Statement for Computing](#)

[Framework for Higher Education Qualifications in England, Wales and Northern Ireland](#)

[Higher Education Credit Framework for England](#)

Curriculum Map of Modules Against Intended Learning Outcomes of the Programme

	Module Code	Module Name	Intended Learning Outcomes of the Programme										
			LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10	
Year 1	LIBFEXDLBCSICS	Introduction to Computer Science		X		X							
	LIBFEXDLBBAB_E	Business 101	X										
	LIBFEXDLBCSOOPJ	Object-oriented Programming with Java		X		X							
	LIBFEXDLBDSSPDS-01	Statistics - Probability and Descriptive Statistics		X		x							
	LIBFOARPDLCSCW	Collaborative Work	x										
	LIBFEXDLBCSRE	Requirements Engineering									X		
	LIBFEXDLBMAE	Management Accounting	X								x		
	LIBFEXDLBCSDSJCL	Data Structures and Java Class Library		X		x	x						
Year 2	LIBFAWDLBIAWITT	Introduction to Academic Work for IT and Technology											X
	LIBFWACSDLBWIEPM_E	Introduction to Process Management			X						X		
	LIBFAWDLBCFIE	Corporate Finance and Investment	X								X		
	LIBFWAWADLBFMGYSYS_E	Fundamentals of IT and ERP Systems	X		X								
	LIBFEXDLBCSDMDS	Database Modeling and Database Systems		X		X	X						

Year 3	LIBFAWDLBLODB_E	Digital Business Models	X					X			X	
	Elective from Group A											
	Elective from Group A											
	LIBFWAWADLBINGDABD_E	Data Analytics and Big Data		X		X	X	X			X	
	LIBFWAREDLBCSSCTCS	Seminar: Current Topics in Computer Science	X			X		X			X	X
	Elective from Group B											
	Elective from Group B											
	Elective from Group C											
	Elective from Group C											
	LIBFBTDLBBT	Bachelor Thesis	X	X	X			X				X

This table shows the distribution of the programme's intended learning outcomes (as specified in the programme specification) across the programme modules.

Mapping of Teaching Formats and Types of Media Used in the Programme Modules

	Module Code	Module Name	Type of Assessment ¹	Teaching Formats ²			Types of Media ³					
				CF	ILSE	LS ⁴	CB	RL	OT	RB	V	PE
Year 1	LIBFEXDLBCSICS	Introduction to Computer Science	EX	X	X	X	X	X	X		X	X
	LIBFEXDLBBAB_E	Business 101	EX	X	X	X	X	X	X		X	X
	LIBFEXDLBCSOOPJ	Object-oriented Programming with Java	EX	X	X	X	X	X	X		X	X
	LIBFEXDLBDSSPDS-01	Statistics - Probability and Descriptive Statistics	EX	X	X	X	X	X	X		X	X
	LIBFOARPDLBCSCW	Collaborative Work	OARP	X	X	X	X	X	X		X	
	LIBFEXDLBCSRE	Requirements Engineering	EX	X	X	X	X	X	X		X	X
	LIBFEXDLBMAE	Management Accounting	EX	X	X	X	X	X	X		X	X
Year 2	LIBFEXDLBCSDSJCL	Data Structures and Java Class Library	EX	X	X	X	X	X	X		X	X
	LIBFAWDLBIAWITT	Introduction to Academic Work for IT and Technology	AW	X	X	X	X	X	X		X	
	LIBFWACSDLBWIEPM_E	Introduction to Process Management	WACS	X	X	X	X	X	X			
	LIBFAWDLBCFIE	Corporate Finance and Investment	AW	X	X	X	X	X	X		X	
	LIBFWAWADLBFMGSYS_E	Fundamentals of IT and ERP Systems	WAWA	X	X	X	X	X	X		X	
	LIBFEXDLBCSDMDS	Database Modeling and Database Systems	EX	X	X	X	X	X	X		X	X

Year 3	LIBFAWDLBLODB_E	Digital Business Models	AW	X	X	X	X	X	X			
	Elective from Group A											
	Elective from Group A											
	LIBFWAWADLBINGDABD_E	Data Analytics and Big Data	WAWA	X	X	X	X	X	X		X	
	LIBFWAREDLBCSSCTCS	Seminar: Current Topics in Computer Science	WARE	X	X	X						
	Elective from Group B											
	Elective from Group B											
	Elective from Group C											
	Elective from Group C											
	LIBFBTDLBBT	Bachelor Thesis	BT									

This table shows the distribution of teaching formats and types of media used in the programme modules.

¹EX = Exam, WAWA = Written assignment, WACS = Case study, WARE = Research essay, WAPR = Project report, P = Portfolio, AW = Advanced Workbook, OARP = Oral Assignment + Reflection Paper, OPRRP = Oral Project Report + Reflection Paper, BT/MT = Bachelor / Master Thesis

²CF = Course Feed, ILSE = Intensive Live Sessions, LS = Learning Sprints

³CB = Course Book, RL = Reading List, OT = Online Tests, RB = Review Book, V = Videos, PE = Practice Exams

⁴Offered only when the minimum number of participants is reached.