Faculty of Business Administration, Economics, and Political Science (BAEPS)

Department of Business Administration (BIS)

Undergraduate Programme (Webpage)

About the Programme

The Business Information Systems (BIS) programme equips graduates with the ability to integrate business knowledge and digital technologies to solve real-world organizational challenges. It provides a strong foundation in management and core business disciplines, while developing advanced skills in information systems, data analysis, and digital transformation. Students are trained to bridge the gap between business managers and IT specialists, enabling them to design, manage, and apply technology-driven solutions across diverse industries. The programme fosters critical thinking, innovation, adaptability, and ethical decision-making, preparing graduates to thrive in a world where digital tools are central to business success. Employability, sustainability, and leadership in a digitally connected environment are core pillars of the BIS learning experience.

Mission:

To deliver a student-centred finance and accounting education that meets UK and Egyptian quality standards, preparing ethical, globally minded graduates with the skills, adaptability, and innovation to excel in business and contribute to sustainable societal impact.

Why this Programme

The BIS programme offers a distinctive blend of business knowledge and technological expertise, supported by specialised modules, internships, and certified training. This integration ensures graduates are professionally prepared and competitively positioned for careers at the intersection of business and digital innovation. Prospective careers include: Business Analyst, Systems Analyst, IT Project Manager, ERP/CRM Consultant, Data Analyst, Digital Transformation Consultant, and E-Business Manager.

What will I Study?

Below is a detailed description of all modules offered across the four years:

Preparatory Year – Level S: 120 Credits					
Semester I (6 Compulsory Modules)			**Semester II (6 Compulsory Modules)**		
XXBAENGL01	10	English for Academic Purposes	XXBAENGL02	10	English and Academic Writing
XXBBST02P	10	Introduction to Behavioural Sciences	XXBBST06P	10	Introduction to Management
XXBBST03P	10	Business Communication	XXBACC01P	10	Accounting Fundamentals 1
XXBBST04P	10	Business Math	XXBBST07P	10	Business Information Systems
XXBBST01P	10	Introduction to Business	XXBBST08P	10	Statistics
XXBBST05P	10	Introduction to Information Technology	XXBECO01P	10	Macroeconomics

Year 1 – Level 4 (Certificate): 120 Credits					
Semester I (6 Compulsory Modules)			**Semester II (6 Compulsory Modules)**		
XXBHRM01C	10	Organisational Behaviour	XXBMKT01C	10	Principles of Marketing
XXBECO02C	10	Microeconomics	XXBHRM02C	10	Personal Effectiveness
XXBACC02C	10	Accounting Fundamentals 2	XXBFIN02C	10	Financial Markets & Institutions
XXBBST09C	10	Innovation Management	XXBBST11C	10	Business Law
XXBFIN01C	10	Principles of Finance	XXBACC03C	10	Introduction to Cost & Managerial Accounting
XXBBST10C	10	Research Methods	XXBENS01C	10	Introduction to Entrepreneurship

Year 2 – Level 5 (Intermediate): 120 Credits					
Semester I (6 Compulsory Modules)			**Semester II (4 Compulsory Modules & 1 Optional Module)**		
XXBBST12I	20	Business Ethics & Social Responsibility	XXBBST13I	10	Operations Management
XXBENS02	20	Entrepreneurial Businesses & Innovation	XXBMKT02I	20	E-Business
XXBMKT03I	10	Customer Relationship Management	XXBBST14I	10	Quantitative Methods
XXBBIS01I	10	Fundamentals of Programming			
List of Optional Modules					
			XXBHRM03I	10	Human Resource Management
			XXBMKT07I	10	Retail Management
			XXBBIS02I	10	Fundamentals of System Analysis & Design

Year 3 – Level 6 (Honours): 120 Credits					
Semester I (5 Compulsory Modules & 1 Optional Modules)			**Semester I (3 obligatory & 3 optional modules)**		
XXBBIS03H	10	Database	XXBBIS09H	10	Enterprise Resource Planning (ERP)
XXBBIS04H	10	Fundamentals of User Interface and User Experience	XXBBIS10H	10	Artificial Intelligence (AI) for Business
XXBBIS05H	10	Data Mining for Business Intelligence	XXBBIS11H	10	Decision Support Systems
XXBBIS07H	10	Special Topics in BIS	XXBBIS13H	10	Data Visualisation & Storytelling
XXBBIS08H	10	BIS Graduation Project 1	XXBBIS14H	10	BIS Graduation Project 2
List of Optional Modules					
XXBBST15H	10	Supply Chain Management	XXBBST20H	10	Project Management

XXBMKT11H	10	Digital Marketing Communications	XXBMKT14H	10	Marketing Analytics
XXBBST18H	10	Strategic Management	XXBACC10H	10	Accounting Information Systems
XXBHRM05H	10	Human Resource Information Systems	XXBBIS12H	10	Advanced Database
XXBBIS06H	10	Fundamentals of Cybersecurity in Business			

Progression Requirements

- Students must successfully complete all **preparatory year modules** before progressing to the degree level.

- Each academic year requires the successful completion of **120 credits**, following university and faculty progression rules.

- Successful completion of a summer internship, together with certified training in the use of a relevant database that supports future employment, is a graduation requirement.