



BSc (Hons) Business & Information Systems (Supply Chain and logistic Management)

ESSENTIAL QUALITIES AND ATTRIBUTES OF THE PROGRAMME'S GRADUATES

The overall aim of the programme is to equip students with upto date knowledge and a high level of intellectual awareness and technical competence in the subject area of Business and Information Systems, through a process of education to pursue a deep understanding of Supply Chain and Logistics Management.

It is expected that graduates of the programme will be able to take their places in Management and Information systems related positions in Business, Commerce and the Public sector and demonstrate a high level of competence. Additionally, graduates will be able to effectively understand and implement Supply Chain related issues, logistics, procurement, inventory, transport management, lean manufacturing etc.

2. RATIONALE OF THE PROGRAMME

Within development of Omani economy and its industrial sector, there is a tendency of development of business organisations operating in Oman involved in Global Supply Chain. In the era of Information Economy, all businesses are actively using and base their operation management on information technology and information systems. Information has become a management resource equal in importance to property, facilities, employees and capital, and information systems and computer applications are essential to the ability of an organisation to compete or gain competitive advantage in the marketplace.

These circumstances increase the requirements for professionals in the field of business to be equipped with cross discipline knowledge and skills in IT and IS. In order to satisfy the industry demand on qualified workforce, this special programme aims to prepare professionals in business field with specialised knowledge in Supply Chain and Logistics that are equipped with skills to work with different Information Systems.

The Business and Information System programme with specialization in Supply Chain and Logistics places emphasis the analysis of different business processes, overall organization operations and performance, the development and selection of appropriate computing solutions, project management and human aspects of information systems development.

3. CAREER OPPORTUNITIES

Graduates of this programme with the degree in Supply Chain and Logistics Management will be able to be employed by any business organisation – local and international – that operates in Oman or is involved in international operations. Graduates will be able to fit in



senior staff positions to such department like Operations, Production, Procurement, Purchasing, Sales, Logistics department, Stock and Inventory, Transportation and Delivery, as well as get different levels of managerial positions like Procurements Manager, Operations manager, Sales manager, Purchasing manager, etc.

4. PROGRAMME LEARNING OUTCOMES

On successful completion of the programme, students should be able to:

1. demonstrate knowledge and understanding of essential facts, concepts, principles and theories relating to business processes, managerial techniques and technology used in the field of Supply Chain and Logistics.
2. apply established concepts, theories and modes of operations within Supply Chain and Logistics, and managerial studies; analyse operational problems independently, drawing on conceptual skills, considering provisions; and devise solutions to complex problems and to communicate and explain findings effectively.
3. recognise the professional, commercial and ethical issues involved in the exploitation of business operations and be guided by the adoption of appropriate professional, ethical and legal practices.
4. work effectively as a member of a development team, recognising the different roles within a team and different ways of organising teams.

WEEKS	FULL-TIME STUDY			
	Year One			
	Fall Semester	C.P	Spring Semester	C.P
	Analytical Mathematics	15	Fundamentals of Business and Organisation	15
	Oral and Written Communication for Business and ICT	15	Principles of Programming	15
	Principles of Organisation and Management	15	Web Application Development	15
	Computer Organisation	15	Statistics	15
		60		60
Year Two				
	Broad Elective 1	15	Supply Chain and Logistics Management	15
	Operations Management	15	Procurement Management	15
	Principles of Accounting	15	Relational Database Systems	15



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	Systems Analysis and Design Concepts	15	Project 1	15
		60		60
Year Three				
	Business Law	15	Special Topic - International Management/GCC Economic and Business Environment	15
	Information Systems Management	15	Supply Chain Management Information System	15
	Visual Programming	15	e-Commerce	15
	Business Economics	15	Broad Elective 2	15
		60		60
Year Four				
	Research Methods and Project Design	15	Knowledge Management and Business Intelligence	15
	Strategic Management	15	Database Systems Administration	15
	Project Management	15	Project 2	30
	Warehouse Design and Management	15		
		60		60
	Total Credit Points			480

Awarding Body

DUBLIN INSTITUTE OF TECHNOLOGY





DUBLIN INSTITUTE OF TECHNOLOGY (DIT) is one of Ireland's largest and most innovative higher educational institutions. The core values reflected in its mission emphasize student-centred learning, useful knowledge, rigorous processes of discovery and critical enquiry, and support for entrepreneurship and diversity. As a comprehensive, dual-sector doctoral-awarding institution, DIT combines the academic excellence of a traditional university with professional, career-oriented learning, preparing graduates for productive leadership roles. It has a student population of 20,000 students and over 2000 members of staff that supports a stimulating and strong teaching and research environment. DIT nurtures close engagement and collaborative links with a range of world-class companies and academic institutions. Additionally DIT participates as a full member of the European University Association (EUA) and the International Association of Universities (IAU).