

TEESSIDE UNIVERSITY

Name of course: Bachelor of Arts (Hons) Business and Cybersecurity

Module Description

[BIN1071-N] BUSINESS ENTERPRISE

This module is designed to inspire students to think about entering the workplace once they have completed their studies. The module is delivered as an interactive learning experience which will enable students to develop an enterprising mind-set and help them to identify some of the skills and attributes they already possess. The module content will encourage the student to begin to think about their personal career aspirations, whilst addressing potential gaps linked to the individual's knowledge, skills, and experience.

[ACC1057-N] BUSINESS FINANCE

This module develops and equips learners with the financial knowledge and techniques required by all managers. It provides an understanding of the way in which accounting is used in the external evaluation of organisations and develops the ability to use accounting in decision making, control and managing and adding value to performance.

[CIS1008-N] NETWORKS AND SECURITY

This module provides you with an understanding of the role of computer networks to fully appreciate and utilise within modern web-applications. Specific network design solutions are introduced and explored. You get hands on experience using key network devices for wired and wireless network. Security threats, hazards and issues are explored along with security risk assessment and management. Relevant protocols and hardware technologies are introduced along with the role of legal requirements, social and ethical issues.

[CIS1006-N] SECURE DATA ACQUISITION

The module will explore issues of data representation and data quality, information architectures and scale. The principles and techniques of information security and governance will be introduced.

[CIS1007-N] INFORMATION SECURITY AND CYBERCRIME

This module covers a comprehensive range of issues relating to information and computer security. It includes systematic approaches to managing security risks, elementary cryptography, how computers are used in the execution of crime and how such crimes can be investigated.

[HRM1088-N] UNDERSTANDING ORGANISATIONS

This module is designed to provide a basic introduction to some of the general principles of business management subjects, particularly in the context of structure, culture, leadership, organisational behaviour, and the business environment. The module will demonstrate the impact of the within the overall business operation function. The module introduces the concept of foundation level strategic management, with emphasis on organisational resource and competency. The module considers the impact of organisational behaviour in relation to overall business effectiveness. Furthermore, the module will examine the role of the individual within the organisation and explore motivation, perception, and personal impact.

[HRM2072-N] AGILE MANAGEMENT

This module focuses on introducing students to the specifics of a) acquiring and managing talented people for organisations to be agile in the 21st century and b) the concept and management of business agility. The focus will be on the operational level and academic material will be applied to best practice examples of business that is more agile due to people. The module will provide the necessary theoretical and practical underpinning necessary for the comprehension and analysis of acquiring, developing, managing, great talent; and b) business agility.

[CIS2005-N] CYBER TEAM MANAGEMENT

This module will give students an understanding of cybersecurity, while taking into consideration appropriate professional, legal and ethical issues. The majority of the module is practical and based on scenarios relevant to cybersecurity. Students will be placed in an active learning environment to enable development of team working and project process skills. These skills will be utilised to aid with the delivery of an agreed cybersecurity report (e.g., policy review, security audit, etc).

[CIS2011-N] INFORMATION SECURITY MANAGEMENT

This module develops a detailed understanding of information and network security concepts and principles as well as the tools and configurations available to defend your network technologies. Students will identify and discuss secure infrastructure needs for business requirements, including cloud-based systems. Cryptographic techniques and systems are analysed and compared. The module will emphasise the professional, ethical, and legal compliance considerations required of a computer security professional.

[ECO2023-N] INTERNATIONAL BUSINESS AND MANAGEMENT

This module has been designed to give students an understanding of the main issues that affect international businesses in the global economy. It covers topics such as globalisation, trade and economic growth and development, and places special emphasis on managing across cultures. Students will gain an awareness of and be able to differentiate cultural differences and their impact on individuals and key organisations. Students will have the opportunity to explore a culture of their choice in depth.

[CIS2015-N] NETWORKS AND SYSTEMS ADMINISTRATION

This module introduces students to the key aspects of network and systems administration as applied to the IT scenario. This will include a study of current network filing systems, user account issues including account setting up (bulk & individual), generating IDs and passwords, password policies account administration, suspending accounts, changing quotas and passwords and issues associated with wireless networks etc. The importance of secure storage and backup of user data will be addressed, along with other maintenance issues, network management issues and network performance monitoring.

[BIN2044] RESEARCH METHODS

This module will provide students with an understanding of the principles underpinning ethical and rigorous research methods. The module is designed to develop an understanding of the concepts and processes involved in conducting effective research and to develop the necessary practical skills required to conduct a research study.

[BIN3038-N] CONTEMPORARY ISSUES IN BUSINESS MANAGEMENT

The purpose of this module is to develop an understanding of the challenges faced by organisations in a complex and dynamic environment and it explores the controversies and dilemmas of contemporary management thinking and practice.

[COM3040-N] SERVICE MANAGEMENT

The recognition of the close relationship between business and an ICT infrastructure has culminated in the rise of a service-led approach to ICT management, and as such, you gain and understanding of how this approach improves services offered to businesses, by infrastructure through improved design and management methods. Service delivery is a standard approach used in commercial and industrial environments for delivering network services, it is defined in the IT Infrastructure Library (ITIL) and approaches the network in terms of the end-to-end service that it delivers to the end user. In other words, it is a user/business centred approach to designing, implementing, and managing networks. Networks are critical to the commercial activities of most organisations and anyone working in network services is almost certain to encounter some, if not all, of the subject areas you cover on this module.

[CIS3005-N] INFORMATION GOVERNANCE

This module will help students to identify the goals of information governance, from protecting the needs of the stakeholder to ensuring the transparency of processes and how these links together to support data governance principles (integrity, transparency, auditability, accountability, standardization, change management, etc.)

[BIN3050-N] SUSTAINABILITY, STRATEGY AND SOCIETY

This module is designed to equip students with the necessary knowledge and skills in effective strategic management and responsible leadership in the wider context of business and enterprise. The current context of the macro environment will be explored, and contemporary issues will be considered by students specifically relating to leading change along with leading and implementing strategy. Student centred learning and teaching strategies will be used to facilitate the effective integration of current leadership theory with practice.

[BIN3039-N] DISSERTATION

Undergraduate Dissertation is a 40-credit module featuring across undergraduate programmes within the Department of Business Management, which fulfils the need for each student to produce a substantive submission founded on extended self-guided study into a subject area which is associated with their degree programme. The topic focus of the submission will be informed by the personal interest of the student as guided by academic advice received from their dissertation supervisor who will support the student formally during the module.

[COM3051-N] COMPUTING PROJECT

The Computing Project is a large-scale piece of work, undertaken by the student under the supervision of a member of the academic staff. The project involves the production of a substantial artefact related to the computing field and culminates in the writing of a report and a viva consisting of the presentation, demonstration, and discussion of the artefact.