

Course Descriptions

Professional Component

BI 801 Research Methods 3
(3-0-12)

This course aims to provide students undertaking their research project with an understanding of basic frameworks in research. The course covers research techniques for gathering information, developing a research proposal and evaluating research carried out by others. Major areas include scientific and interpretivist approaches, design, survey methods and instruments, case study, field study, experimentation, data collection and analysis.

BI 802 Advanced Paradigms in Business and Management 3
(3-0-12)

This course focuses on a set of pervasive recent paradigms in business and management appropriate to a variety of research areas. The course develops practical skills for applying knowledge of continuous improvement processes in business and management.

BI 803 Business Practice and Case Studies 3
(3-0-12)

This course offers perspectives on information technology through case studies. The case studies address issues that are covered more generally in other courses within the Masters program. The course is designed to raise awareness of generic questions and business practices at the level of specific organisations, and to illustrate general principles through specific experience. There will be an emphasis on in-class participation and on real workplace situations. Topics will address issues relating to specific case studies.

Elective Component

BI811 Business Competitive Intelligence 3
(3-0-12)

This course describes intelligence and outlines its functions for the business world. The course advocates a shift from mere acquisition of adversaries' secrets to a deeper understanding of developments throughout the total environment in which you and your adversaries are operating. The course examines the design and management of intelligence systems able to cope with change, cope with the global arena and cope with the information glut impacting on the modern business. Topics will include: information operations, knowledge management, information environment, design and management of intelligence systems, e-business issues, security issues, and the capture and dissemination of information and knowledge.

BI812 Business Risk Management 3
(3-0-12)

The Business Systems Risk Management course provides a detailed study of the concept of "risk remedy". This concept involves determining how to achieve the ideal system for the least overall cost. It covers risk management in all stages in planning; from identifying the need for action, through decision-making, to scheduling actions. Topics will include: risk analysis, simulation, predictive analysis models, verification and validation of risk analysis models, risk management tools.

BI813 Corporate Social Responsibility 3
(3-0-12)

This course builds on a belief that a proper understanding of the potential application of business governance arrangements cannot be achieved without considering the role of the various participants in the system. The course considers the wider corporate decision making process that allows the voluntary integration of social and environmental concerns into business operations, which are over and above the organisation's legal responsibilities. Topics will include: ethics, safety and reliability, electronic communities, privacy and social control, legal issues, professional responsibilities, corporate responsibilities and behavior and usage.

BI814 Web Technologies for Business **3**
(3-0-12)

This course introduces students to the key technologies for business use of the World Wide Web. The web is being used increasingly as a common delivery method for the supply of business functionality to an organization's internal staff, customers and business partners. Familiarity with web technologies is one of the key criteria for the efficient and effective functioning of a modern business. Topics will include: web technologies, web architectures, protocols and standards, web scripting languages, issues of design, usability, and accessibility, security, web learning, and web commerce, e-commerce standards, metadata standards, search technologies, and agent technologies.

BI815 Business ICT Governance **3**
(3-0-12)

The course covers the governance of Information and Communication Technology (ICT) for organizations. It will assist students in designing the strategy and policies for the use of information resources so they best help an organization to prosper. It will introduce principles and practices that you can use as a manager of information resources (or Chief Information Officer, CIO) or even as a 'well-informed' user. Topics will include: ICT Governance principles and processes, pressures influencing the choice of strategy or policy, alignment of business goals and strategy, and translation of Information Management principles into ICT strategic objectives.

BI 816-818 Special Topics in Business Informatics **3**
(3-0-12)

Special topics will be made available to students when internationally acclaimed academics visit DPU and are encouraged to provide a course on a currently important topic of interest within business informatics community.

Research Component

BI 910 Dissertation (Including Public Lecture and Viva) **45**
credits