

Module title Business Analysis for Information Technology				
Module code YBAI	Level Bachelor (B.Sc.) IN, IT	Hours per week 4	ECTS credits 5	Duration 2 weeks block course + virtual lectures
Module instructor Dr. Diane Strode, Whitireia Polytechnic, Porirua, New Zealand	Lecture type Regular lecture, on line consultations, in-class exercises	Prerequisite(s) Basic knowledge of system or software modelling, e.g., UML (use case, simple class diagram, activity diagram), database models, or similar		Grading Assignment (2), In-class exercises (7 of 10 for a pass grade)
Objectives To enable students to understand and apply business analysis in the information technology context including salient aspects of requirements management and business process management. To enable students to understand the key themes and critically evaluate research in the domain of business analysis for information technology.				
<ul style="list-style-type: none"> • Understand the purpose of business analysis in the context of information technology projects. • Understand the relationship between business analysis and business process management. • Understand requirements analysis and requirements lifecycle management for different types of project (traditional, architecture-centric, and agile). • Prepare a business case for a given case study. • Analyse requirements for a business system and rank requirements for a given case study. • Create a requirements repository and present requirements using appropriate models (process models and data models) for a given case study. • Understand key themes and critique literature on current business analysis research. 				
Content Business analysis body of knowledge, business process management, analysis and management of requirements (for ambiguity, incompleteness, unstated constraints, and conflicts), progressive elaboration in software development methodologies, modelling processes and data, current business analysis research.				
Textbook/teaching material				
<ul style="list-style-type: none"> • Paul, D., Yeates, D., & Cadle, J. (2010). Business analysis (2nd ed.). Swindon, UK: British Informatics Society. • Additional readings are journal articles provided by the lecturer 				

Note: this is not the official course descriptor according to the "Studien- und Prüfungsordnung" (SPO)