

MODULE TITLE	Business Analysis 1	CREDIT VALUE	15
MODULE CODE	ECM3434	MODULE CONVENER	Dr Vladimir Ryabov (Coordinator)
DURATION: TERM	1	2	3
DURATION: WEEKS	0	11	0
Number of Students Taking Module (anticipated)	15		

DESCRIPTION - summary of the module content

DEGREE APPRENTICESHIP STUDENTS ONLY

A business analyst is responsible for assessing the business impact of change, capturing, analysing and documenting requirements and supporting the communication and delivery of requirements with relevant stakeholders. They create detailed analysis of systems and make recommendations for improvement. They produce specifications of user requirements that enable software engineers to develop the right software solutions. They require a broad foundation of skills and knowledge to be able to be effective as their work incorporates all aspects of digital technology systems.

AIMS - intentions of the module

The aim of this module is to give you an introductory level of knowledge in business analysis techniques, including requirements gathering and data and process modelling, and basic competence in their application to the business context.

INTENDED LEARNING OUTCOMES (ILOs) (see assessment section below for how ILOs will be assessed)

On successful completion of this module *you should be able to*:

Module Specific Skills and Knowledge

1. Elicit and prioritise business requirements for a simple IT system
2. Develop a requirements specification, including functional and non-functional requirements
3. Model a business process
4. Use tools to facilitate the analysis and documentation of requirements
5. Develop simple use case diagrams with supporting use case descriptions
6. Develop entity relationship diagrams

Discipline Specific Skills and Knowledge

7. Demonstrate the use of requirements elicitation techniques
8. Demonstrate an understanding of the importance of managing requirements
9. Demonstrate the use of tools to support modelling
10. Demonstrate how the products of analysis feed into the design and development of a system
11. Demonstrate an understanding of different approaches to validating requirements
12. Prioritise a set of requirements

Personal and Key Transferable / Employment Skills and Knowledge

13. Communicate orally and in writing
14. Solve problems creatively
15. Think analytically and critically
16. Organise your own work
17. Work to a deadline
18. Collaborate and negotiate

SYLLABUS PLAN - summary of the structure and academic content of the module

Introduction (2 weeks)

- Business analysis in the business context
- Case studies of requirements analysis in practice
- What are requirements?
 - o Functional vs non-functional requirements
- The importance of understanding and managing requirements
- Agile business analysis

Introduction to requirements gathering and analysis (3 weeks)

- Requirements elicitation
- User stories
 - o Documenting
 - o Prioritising and validating
- Managing requirements
 - o Using tools for analysis and documentation of requirements

Introduction to data and process modelling (5 weeks)

- Business process modelling
- Use case diagrams and descriptions
- Entity relationship diagrams
- Using tools for modelling and analysis

The transition to design and development (2 weeks)

- How the products of analysis feed into the design and development of a system

LEARNING AND TEACHING

LEARNING ACTIVITIES AND TEACHING METHODS (given in hours of study time)

Scheduled Learning & Teaching Activities	22.00	Guided Independent Study	128.00	Placement / Study Abroad	0.00
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DETAILS OF LEARNING ACTIVITIES AND TEACHING METHODS

Category	Hours of study time	Description
Scheduled learning and teaching activities	18	Online learning activity, including virtual workshops, synchronous and asynchronous virtual lectures and other e-learning.
Scheduled learning and teaching activities	2	Lectures
Scheduled learning and teaching activities	2	Group workshops

Category	Hours of study time	Description
Guided independent study	128	Coursework, exam preparation and self-study

ASSESSMENT

FORMATIVE ASSESSMENT - for feedback and development purposes; does not count towards module grade

Form of Assessment	Size of Assessment (e.g. duration/length)	ILOs Assessed	Feedback Method
Contribution to class discussion	N/A	1-18	Verbal

SUMMATIVE ASSESSMENT (% of credit)

Coursework	60	Written Exams	40	Practical Exams	0
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DETAILS OF SUMMATIVE ASSESSMENT

Form of Assessment	% of Credit	Size of Assessment (e.g. duration/length)	ILOs Assessed	Feedback Method
Requirements and modelling exercise	60	3000 words	1-10, 13-18	Written
Written exam	40	2 hours	1-17	Written

DETAILS OF RE-ASSESSMENT (where required by referral or deferral)

Original Form of Assessment	Form of Re-assessment	ILOs Re-assessed	Time Scale for Re-assessment
Requirements and modelling exercise (60%)	Requirements and modelling exercise	1-10, 13-18	Completed over summer with a deadline in August
Written exam (40%)	Written exam (2 hours)	1-17,	August assessment period

RE-ASSESSMENT NOTES

Deferral – if you miss an assessment for certificated reasons judged acceptable by the Mitigation Committee, you will normally be deferred in the assessment. The mark given for a re-assessment taken as a result of deferral will not be capped and will be treated as it would be if it were your first attempt at the assessment.

Referral – if you have failed the module overall (i.e. a final overall module mark of less than 40%) you may be required to sit a referral. The mark given for a re-assessment taken as a result of referral will be capped at 40%.

RESOURCES

INDICATIVE LEARNING RESOURCES - The following list is offered as an indication of the type & level of information that you are expected to consult. Further guidance will be provided by the Module Convener

ELE: vle.exeter.ac.uk

Reading list for this module:

Type	Author	Title	Edition	Publisher	Year	ISBN	Search
Set	Paul, D., Cadle, J., Yeates, D.	Business Analysis	3rd	BCS	2014	9781780172774	[Library]

CREDIT VALUE	15	ECTS VALUE	7.5
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PRE-REQUISITE MODULES	None
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CO-REQUISITE MODULES	None
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NQF LEVEL (FHEQ)	6	AVAILABLE AS DISTANCE LEARNING	No
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ORIGIN DATE	Tuesday 10 July 2018	LAST REVISION DATE	Wednesday 08 February 2023
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KEY WORDS SEARCH	Business, Analysis
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