UNSW Course Outline

INFS2603 Business Analysis and Agile Product Management - 2024

Published on the 28 Jan 2024

General Course Information

Course Code : INFS2603
Year : 2024
Term : Term 1
Teaching Period : T1
Is a multi-term course? : No
Faculty : UNSW Business School
Academic Unit : School of Information Systems and Technology Management
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : Kensington
Campus : Sydney
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

This is an intermediate (Level 2) Information Systems (IS) course that provides a contemporary understanding of business analysis tools, skills and methodologies used in the process of creating digital solutions. Business Analysis is the practice of enabling change in an

organizational context, by defining needs and recommending solutions that deliver value to stakeholders. The course will specifically focus on business analysis as practiced within an Agile Scrum framework. In completing this course, you will learn to take a product-oriented view of solutions and understand how contemporary organisations manage the process of solution creation. The course will hone the conceptual and analytical skills required for analysing business problems and processes, understanding customer requirements, managing stakeholders, and developing product roadmaps. This course covers material that is foundational to the discipline of information systems; it assumes completion of the core information systems course INFS1602 Digital Transformation in Business. This course provides you with concepts and skills that are essential in careers such as business analysts, business systems analysts, product owners, product managers, consultants, and developers.

Course Aims

The aim of this course is to provide a contemporary understanding of the business analysis tools, skills and methodologies used in the process of creating digital solutions. The course will specifically focus on business analysis as practiced within an Agile Scrum framework, providing students with an understanding of the process of analysing and designing business-relevant information systems. The course will hone the conceptual and analytical skills required for analysing business problems, eliciting user requirements and developing system specifications.

Relationship to Other Courses

This course covers material that is foundational to the discipline of information systems. It assumes completion of the core information systems course INFS1602 Digital Transformation in Business. This course provides the student with concepts and skills that are essential in careers such as business analysts, business systems analysts, product owners, product managers, consultants, and developers.

Course Learning Outcomes

Course Learning Outcomes	Program learning outcomes
CLO1 : Understand and explain the lifecycle of building digital solutions.	• PLO1 : Business Knowledge • PLO5 : Responsible Business Practice
CLO2 : Articulate and explain the role of business analysts and the various knowledge areas of business analysis.	• PLO1 : Business Knowledge • PLO2 : Problem Solving • PLO5 : Responsible Business Practice • PLO7 : Leadership Development
CLO3 : Understand and apply business analysis tools, techniques and methodologies.	• PLO1 : Business Knowledge • PLO2 : Problem Solving • PLO3 : Business Communication • PLO5 : Responsible Business Practice • PLO6 : Global and Cultural Competence
CLO4 : Understand and apply the Agile Scrum framework including roles, ceremonies and artefacts in an organisational context.	• PLO1 : Business Knowledge • PLO2 : Problem Solving • PLO3 : Business Communication • PLO5 : Responsible Business Practice
CLO5 : Create high-fidelity prototypes of digital solutions that solve customer needs.	• PLO1 : Business Knowledge • PLO2 : Problem Solving • PLO3 : Business Communication • PLO5 : Responsible Business Practice • PLO6 : Global and Cultural Competence
CLO6 : Apply Agile Scrum project management techniques to work collaboratively in groups.	• PLO4 : Teamwork • PLO7 : Leadership Development

Course Learning Outcomes	Assessment Item
CLO1 : Understand and explain the lifecycle of building digital solutions.	• Tutorial preparation and participation • Group Assignment • Final Exam
CLO2 : Articulate and explain the role of business analysts and the various knowledge areas of business analysis.	• Tutorial preparation and participation • Group Assignment • Final Exam
CLO3 : Understand and apply business analysis tools, techniques and methodologies.	• Tutorial preparation and participation • Group Assignment • Final Exam
CLO4 : Understand and apply the Agile Scrum framework including roles, ceremonies and artefacts in an organisational context.	• Tutorial preparation and participation • Group Assignment • Final Exam
CLO5 : Create high-fidelity prototypes of digital solutions that solve customer needs.	• Tutorial preparation and participation • Group Assignment • Final Exam
CLO6 : Apply Agile Scrum project management techniques to work collaboratively in groups.	• Group Assignment

Learning and Teaching Technologies

Moodle - Learning Management System | Microsoft Teams

Learning and Teaching in this course

At university, the focus is on a self-directed search for knowledge. Lectures, tutorials, textbooks and other resources are all provided to help with this process. The primary vehicle in this course is work carried out in collaboration with other students, inside and outside the classroom, under the guidance of your lecturer.

In class, we will work through exercises designed around case studies and real-world problems, and this will be a unique opportunity for you to observe business systems analysis and design techniques in practice. You are encouraged to seek clarification by asking questions during class. The Sandbox Group Assignment provides another opportunity to apply the concepts learned to real world problems.

We will have to cover a lot of material in this course, so it is vital that you study from Week 1. This means you should read the set chapters in the textbook and prepare for your tutorials. The course team will facilitate your learning by providing guidance as to what you need to study and work with you on problems you may encounter. It is, however, your responsibility to make a concerted and timely effort to study. If you make this effort you will find the material interesting,

the course worthwhile and the interaction with your fellow students stimulating. You should also do well.

Additional Course Information

The course consists of

1. Live Lectures
2. Tutorials

Live Lecture

Each week there will be live lectures explaining in detail the weekly content.

Tutorials

During the tutorial class, students can expect to participate in practical exercises or assignments that help them apply the knowledge and skills they have acquired in the lecture. The tutor will guide students through these exercises, providing feedback and support as needed. The tutorial class is an opportunity for students to delve deeper into the subject matter and gain a more comprehensive understanding of the topics covered. It also helps students develop the practical skills they will need to succeed in their future careers.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates	Program learning outcomes
Tutorial preparation and participation Assessment Format: Individual	20%	Due Date: Not Applicable	• PLO1 : Business Knowledge • PLO2 : Problem Solving • PLO3 : Business Communication • PLO4 : Teamwork • PLO5 : Responsible Business Practice • PLO6 : Global and Cultural Competence • PLO7 : Leadership Development
Group Assignment Assessment Format: Group	30%	Due Date: Week 9: 08 April - 14 April	• PLO1 : Business Knowledge • PLO2 : Problem Solving • PLO4 : Teamwork • PLO3 : Business Communication • PLO5 : Responsible Business Practice • PLO6 : Global and Cultural Competence • PLO7 : Leadership Development
Final Exam Assessment Format: Individual	50%		• PLO1 : Business Knowledge • PLO2 : Problem Solving • PLO5 : Responsible Business Practice • PLO6 : Global and Cultural Competence • PLO7 : Leadership Development

Assessment Details

Tutorial preparation and participation

Assessment Overview

This assessment helps students gauge their preparation for the workshop. Students are expected to turn up regularly and participate in class discussions. They’re also expected to work collaboratively to accomplish group tasks such as in-class presentations and weekly-assignments. Such contribution to class discussion and participation will be assessed based on the quality of comments and willingness to participate.

Assesses: PLO1, PLO2, PLO3, PLO4, PLO5, PLO6, PLO7

Course Learning Outcomes

- CLO1 : Understand and explain the lifecycle of building digital solutions.
- CLO2 : Articulate and explain the role of business analysts and the various knowledge areas of business analysis.
- CLO3 : Understand and apply business analysis tools, techniques and methodologies.
- CLO4 : Understand and apply the Agile Scrum framework including roles, ceremonies and artefacts in an organisational context.
- CLO5 : Create high-fidelity prototypes of digital solutions that solve customer needs.

Detailed Assessment Description

This assessment helps students gauge their preparation for the workshop. Students are expected to turn up regularly and participate in class discussions. They're also expected to work collaboratively to accomplish group tasks such as in-class presentations and weekly-assignments. Such contribution to class discussion and participation will be assessed based on the quality of comments and willingness to participate.

Assesses PLO1, PLO2, PLO3, PLO4, PLO5, PLO6, PLO7

Assessment 1 must be submitted three hours before the weekly tutorial session for each student.

Assessment information

The Deadline for assesment 1 is three normal days before the students tutorial. This occurs weekly from Week 1-5 and Week 5-9

Group Assignment

Assessment Overview

In Group Assignments, students will take on the role of business analysts to examine business problems, elicit user requirements, analyse system requirements and design relevant solutions in simulated scenarios using Agile project management techniques.

Assesses: PLO1, PLO2, PLO3, PLO4 PLO5, PLO6, PLO7

BCom Students: myBCom Course points for PLO2, PLO4

Course Learning Outcomes

- CLO1 : Understand and explain the lifecycle of building digital solutions.
- CLO2 : Articulate and explain the role of business analysts and the various knowledge areas

of business analysis.
- CLO3 : Understand and apply business analysis tools, techniques and methodologies.
- CLO4 : Understand and apply the Agile Scrum framework including roles, ceremonies and artefacts in an organisational context.
- CLO5 : Create high-fidelity prototypes of digital solutions that solve customer needs.
- CLO6 : Apply Agile Scrum project management techniques to work collaboratively in groups.

Detailed Assessment Description

In Group Assignments, students will take on the role of business analysts to examine business problems, elicit user requirements, analyse system requirements and design relevant solutions in simulated scenarios using Agile project management techniques.

Assesses: PLO1, PLO2, PLO3, PLO4 PLO5, PLO6, PLO7

BCom Students: myBCom Course points for PLO2, PLO4

Assignment submission will be across two milestones

•Milestone 01 is end of Week 05 (Friday 5PM) – you will be provided with qualitative, formative feedback (not graded)

•Milestone 02 is end of Week 09 (Friday 5PM) – you will be provided with a quantitative, summative feedback (graded)

Final Exam

Assessment Overview

This individual assessment component will test the conceptual and theoretical knowledge and analytical skills of students.

Assesses: PLO1, PLO2, PLO5, PLO6, PLO7

BCom Students: MyBCom Course points for PLO5

Course Learning Outcomes

- CLO1 : Understand and explain the lifecycle of building digital solutions.
- CLO2 : Articulate and explain the role of business analysts and the various knowledge areas of business analysis.
- CLO3 : Understand and apply business analysis tools, techniques and methodologies.
- CLO4 : Understand and apply the Agile Scrum framework including roles, ceremonies and artefacts in an organisational context.
- CLO5 : Create high-fidelity prototypes of digital solutions that solve customer needs.

Detailed Assessment Description

The final exam will evaluate students' comprehension, skills, and knowledge of the course topics they have learned.

Assesses: PLO1, PLO2, PLO5, PLO6, PLO7

BCom Students: MyBCom Course points for PLO5

General Assessment Information

As a student at UNSW you are expected to display academic integrity in your work and interactions. Where a student breaches the UNSW Student Code with respect to academic integrity, the University may take disciplinary action under the Student Misconduct Procedure. To assure academic integrity, you may be required to demonstrate reasoning, research and the process of constructing work submitted for assessment.

To assist you in understanding what academic integrity means, and how to ensure that you do comply with the UNSW Student Code, it is strongly recommended that you complete the Working with Academic Integrity module before submitting your first assessment task. It is a free, online self-paced Moodle module that should take about one hour to complete.

You are expected to complete all assessment tasks for your courses in the School of Information Systems and Technology Management. Classes are highly practical and relevant to your assessments, so you are expected to attend at least 80% of all scheduled classes.

Where group assignments are used, team members are expected to work in a harmonious and professional fashion, which includes adequate management of non-performing members. You should inform your tutor as soon as possible if you experience problems within a project team. You may be required to evaluate the contribution of each team member (including yourself) in group work and marks for individual students may be adjusted based on peer assessment.

Grading Basis

Standard

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 12 February - 18 February	Lecture	Agile Business Analysis I Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Agile Business Analysis I • Ref: Pre-workshop reading and Lecture Notes • Class Preparation and Participation • Group Assignment Brief Released, Assignment Groups Formed
Week 2 : 19 February - 25 February	Lecture	Agile Business Analysis II Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Agile Business Analysis II • Ref: Pre-workshop reading and Lecture Notes • Class Preparation and Participation
Week 3 : 26 February - 3 March	Lecture	Analyzing the Enterprise Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Analyzing the Enterprise • Ref: Pre-workshop reading and Lecture Notes • Class Preparation and Participation
Week 4 : 4 March - 10 March	Lecture	Modelling the Enterprise Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Modelling the Enterprise • Ref: Pre-workshop reading and Lecture Notes • Cumulative Feedback on Class Preparation and Participation (Weeks 01-04) due End of Week 0
Week 5 : 11 March - 17 March	Lecture	Envisioning the Product I Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Envisioning the Product I • Refer to Resources posted on Moodle/MS Teams. • Class Preparation and Participation • Milestone 1 Due Beginning of Week 05
Week 6 : 18 March - 24 March	Web	Flexibility week
Week 7 : 25 March - 31 March	Lecture	Envisioning the Product II Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Envisioning the Product II • Ref: Pre-workshop reading and Lecture Notes • Class Preparation and Participation
Week 8 : 1 April - 7 April	Lecture	Testing Product Ideas Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Testing Product Ideas • Ref: Pre-workshop reading and Lecture Notes • Class Preparation and Participation
Week 9 : 8 April - 14 April	Lecture	Product Analytics & Ethics Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Product Analytics & Ethics • Ref: Pre-workshop reading and Lecture Notes • Class Preparation and Participation • Milestone 2 Due Beginning of Week 09
Week 10 : 15 April - 21 April	Lecture	Course Revision Refer to Resources posted on Moodle/MS Teams.
	Tutorial	Course Revision • Ref: Lecture Notes • GA Final Feedback due End of Week 10 (Friday 5PM); Cumulative Feedback on Class Preparation and Participation (Weeks 05-09) due End of Week 10

Course Resources

Prescribed Resources

Prescribed resources:

- Agile and Business Analysis: Practical guidance for IT professionals. Lynda Girvan and Debra Paul, 2017.
- Agile Product Management with Scrum: Creating Products that Customers Love. Roman Pichle, 2010

Weekly recommended resources will be shared on Moodle.
Additionally, the Moodle course website will also feature reading material to supplement your learning.

Course Evaluation and Development

We regularly collect feedback from students and use it to make ongoing improvements to the course. Upon completion of the course, you will be asked to participate in the myExperience survey, which is a vital source of evaluative feedback from students. Your contribution to this quality enhancement process is highly appreciated as it helps us to better meet the needs of our students and create an effective and enriching learning environment. We carefully review all survey results and take action to continuously improve the educational quality of the course.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Mairead O' Connor		Microsoft Teams	TBA	TBA	No	Yes

Other Useful Information

Academic Information

COURSE POLICIES AND SUPPORT

The Business School expects that you are familiar with the contents of this course outline and the UNSW and Business School learning expectations, rules, policies and support services as listed below:

- Program Learning Outcomes
- Academic Integrity and Plagiarism

- Student Responsibilities and Conduct
- Special Consideration
- Protocol for Viewing Final Exam Scripts
- Student Learning Support Services

Further information is provided on the key policies and support page.

Students may not circulate or post online any course materials such as handouts, exams, syllabi or similar resources from their courses without the written permission of their instructor.

STUDENT LEARNING OUTCOMES

The Course Learning Outcomes (CLOs) – under the Outcomes tab – are what you should be able to demonstrate by the end of this course, if you participate fully in learning activities and successfully complete the assessment items.

CLOs also contribute to your achievement of the Program Learning Outcomes (PLOs), which are developed across the duration of a program. PLOs are, in turn, directly linked to UNSW graduate capabilities. More information on Coursework PLOs is available on the key policies and support page. For PG Research PLOs, including MPDBS, please refer to the UNSW HDR Learning Outcomes.

Academic Honesty and Plagarism

As a student at UNSW you are expected to display academic integrity in your work and interactions. Where a student breaches the UNSW Student Code with respect to academic integrity, the University may take disciplinary action under the Student Misconduct Procedure. To assure academic integrity, you may be required to demonstrate reasoning, research and the process of constructing work submitted for assessment.

To assist you in understanding what academic integrity means, and how to ensure that you do comply with the UNSW Student Code, it is strongly recommended that you complete the Working with Academic Integrity module before submitting your first assessment task. It is a free, online self-paced Moodle module that should take about one hour to complete.

Submission of Assessment Tasks

SPECIAL CONSIDERATION

You can apply for special consideration when illness or other circumstances beyond your control

interfere with your performance in a specific assessment task or tasks, including online exams. Students studying remotely who have exams scheduled between 10pm and 7am local time, are also able to apply for special consideration to sit a supplementary exam at a time outside of these hours.

Special consideration is primarily intended to provide you with an extra opportunity to demonstrate the level of performance of which you are capable. To apply, and for further information, see Special Consideration on the UNSW Current Students page.

Special consideration applications will be assessed centrally by the Case Review Team, who will update the online application with the outcome and add any relevant comments. The change to the status of the application immediately sends an email to the student and to the assessor with the outcome of the application.

Please note the following:

1. Applications can only be made through Online Services in myUNSW (see the UNSW Current Students page). Applications will not be accepted by teaching staff. The lecturer-in-charge/ course coordinator will be automatically notified when your application is processed.
2. Applying for special consideration does not automatically mean that you will be granted a supplementary exam or other concession.
3. If you experience illness or misadventure in the lead up to an exam or assessment, you must submit an application for special consideration, either prior to the examination taking place, or prior to the assessment submission deadline, except where illness or misadventure prevent you from doing so.
4. If your circumstances stop you from applying before your exam or assessment due date, you must apply within 3 working days of the assessment or the period covered by your supporting documentation.
5. Under the UNSW Fit To Sit/Submit rule, if you sit the exam/submit an assignment, you are declaring yourself well enough to do so and are cannot subsequently apply for special consideration.
6. If you become unwell on the day of – or during – an exam, you must stop working on your exam, advise your course coordinator or tutor and provide a medical certificate dated within 24 hours of the exam, with your special consideration application. For online exams, you must contact your course coordinator or tutor immediately via email, Moodle or chat and advise them you are unwell and submit screenshots of your conversation along with your medical certificate and application.
7. Special consideration requests do not allow the awarding of additional marks to students.

Further information on Business School policy and procedure can be found under “Special

Consideration" on the key policies and support page.

LATE SUBMISSION PENALTIES

For assessments other than examinations, late submission will incur a penalty of 5% per day or part thereof (including weekends) from the due date and time. An assessment will not be accepted after 5 days (120 hours) of the original deadline unless special consideration has been approved. An assignment is considered late if the requested format, such as hard copy or electronic copy, has not been submitted on time or where the 'wrong' assignment has been submitted.

For assessments which account for 10% or less of the overall course grade, and where answers are immediately discussed or debriefed, the LIC may stipulate a different penalty. Details of such late penalties will be available on the course Moodle page.

FEEDBACK ON YOUR ASSESSMENT TASK PERFORMANCE

Feedback on student performance from formative and summative assessment tasks will be provided to students in a timely manner. Assessment tasks completed within the teaching period of a course, other than a final assessment, will be assessed and students provided with feedback, with or without a provisional result, within 10 working days of submission, under normal circumstances. Feedback on continuous assessment tasks (e.g. laboratory and studio-based, workplace-based, weekly quizzes) will be provided prior to the midpoint of the course.

Faculty-specific Information

PROTOCOL FOR VIEWING FINAL EXAM SCRIPTS

UNSW students have the right to view their final exam scripts, subject to a small number of very specific exemptions. The UNSW Business School has set a protocol under which students may view their final exam script. Individual schools within the Faculty may also set up additional local processes for viewing final exam scripts, so it is important that you check with your School.

If you are completing courses from the following schools, please note the additional school-specific information:

- Students in the **School of Accounting, Auditing & Taxation** who wish to view their final examination script should also refer to this page.
- Students in the **School of Banking & Finance** should also refer to this page.

- Students in the **School of Information Systems & Technology Management** should also refer to this page.

COURSE EVALUATION AND DEVELOPMENT

Feedback is regularly sought from students and continual improvements are made based on this feedback. At the end of this course, you will be asked to complete the myExperience survey, which provides a key source of student evaluative feedback. Your input into this quality enhancement process is extremely valuable in assisting us to meet the needs of our students and provide an effective and enriching learning experience. The results of all surveys are carefully considered and do lead to action towards enhancing educational quality.

QUALITY ASSURANCE

The Business School is actively monitoring student learning and quality of the student experience in all its programs. A random selection of completed assessment tasks may be used for quality assurance, such as to determine the extent to which program learning goals are being achieved. The information is required for accreditation purposes, and aggregated findings will be used to inform changes aimed at improving the quality of Business School programs. All material used for such processes will be treated as confidential.

TEACHING TIMES AND LOCATIONS

Please note that teaching times and locations are subject to change. Students are strongly advised to refer to the Class Timetable website for the most up-to-date teaching times and locations.