



## UNSW Course Outline

# ZBUS8313 Risk Management in Logistics - 2024

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## General Course Information

Course Code : ZBUS8313

Year : 2024

Term : Semester 2

Teaching Period : Z2

Is a multi-term course? : No

Faculty : UNSW Canberra

Academic Unit : UC School of Business

Delivery Mode : Online

Delivery Format : Standard

Delivery Location : UNSW Canberra at ADFA

Campus : UNSW Canberra

Study Level : Postgraduate

Units of Credit : 6

### Useful Links

[Handbook Class Timetable](#)

## Course Details & Outcomes

### Course Description

The aim of this course is to give you the knowledge on risk management and control in global logistics operations. It will explain the methods, tools and techniques on how to identify areas of losses, minimise and mitigate any financial, asset and human lives losses and help prepare the

next generation of entrepreneurs or industry leaders for the changing business environments. The course introduces students to both academic research and industry practice. Due to the nature of global operations, and cooperation of multi-players, multi-operations and multi-systems, the course examines how risks are identified and projected from uncertainties, how it is assessed and what are some of the various different ways to manage the potential risks. It will also give an explanation of the practical, theoretical tools and methodologies which are currently used in Risk Management of business operations.

## **Course Aims**

This course is designed for business and logistics management students who aspire for managerial and leadership roles in agile organisations. It aims to make you a more informed and strategic risk-based decision maker in today's uncertain environment. It provides you with a set of concepts and experiences that will enable you to see how risk should be managed as what the standard on risk management says. This knowledge can then be used to influence relevant organisational practices. No prior knowledge is required to undertake this course.

# Course Learning Outcomes

Course Learning Outcomes
CLO1 : Analyse the key concepts of risk, uncertainty and the effect that it has in the networked chain of global logistics
CLO2 : Critically understand the ISO standard on risk management, its different phases and importance in managing logistics operations
CLO3 : Understand various computational methods and techniques for risk identification, qualification and management
CLO4 : Apply risk management techniques for improved management of operations

Course Learning Outcomes	Assessment Item
CLO1 : Analyse the key concepts of risk, uncertainty and the effect that it has in the networked chain of global logistics	<ul style="list-style-type: none"><li>• Text Submission to Forum Post</li><li>• Problem Domain Analysis</li><li>• Risk Management Plan</li></ul>
CLO2 : Critically understand the ISO standard on risk management, its different phases and importance in managing logistics operations	<ul style="list-style-type: none"><li>• Text Submission to Forum Post</li><li>• Risk Management Plan</li></ul>
CLO3 : Understand various computational methods and techniques for risk identification, qualification and management	<ul style="list-style-type: none"><li>• Video Submission to Forum Post</li><li>• Problem Domain Analysis</li><li>• Risk Management Plan</li></ul>
CLO4 : Apply risk management techniques for improved management of operations	<ul style="list-style-type: none"><li>• Video Submission to Forum Post</li><li>• Problem Domain Analysis</li><li>• Risk Management Plan</li></ul>

## Learning and Teaching Technologies

Moodle - Learning Management System | Blackboard Collaborate

## Learning and Teaching in this course

Lecture slides and short videos describing the topics to be learned in a week will be made available at the start of each week. Students are encouraged to view these short videos before reading the chapters from the textbook, as it will help them in their learning. This course utilises Class Collaborate, a virtual classroom system accessible via Moodle. There are 8 Class Collaborate sessions scheduled this semester. Students are strongly encouraged to attend the sessions. The sessions will be recorded and made available on Moodle for later review.

### Workload

Students are expected to undertake an average of 10 hours of study per week for a 6 UOC

course. This includes engagement with course readings and other activities, assessment preparation and research, as well as contact time with the lecturer and fellow students.

## **Other Professional Outcomes**

### **Developing Program Attributes**

Students will be encouraged to develop the following School of Business program attributes by undertaking the course activities and mastering the knowledge content:

#### **1: Business knowledge**

Students in this course will select and apply disciplinary knowledge of logistics and business operations to manage risks.

#### **2: Problem solving**

Students will research and identify issues arising from risk in logistics or business operations at their workplace. They will then propose appropriate, well-justified plans to address them.

#### **3: Business communication**

Students will prepare clear and concise written documents, using appropriate style and presentation for the intended audience, purpose, and context.

#### **4: Teamwork**

Students will participate in forum post discussions. In doing so, they will reflect on their understanding and the understanding of other members who have posted before them to understand the intended outcomes better.

#### **5: Responsible business practice**

Students must consider the responsible implications of logistics and business situations when managing risks.

#### **6: Global and cultural competence**

N/A

#### **7: Leadership development**

Students will demonstrate leadership in developing solutions for risk management in their assignments.

### **Developing Graduate Capabilities**

Successful completion of this course contributes to the acquisition of UNSW graduate

capabilities. UNSW aspires to develop globally focused graduates who are **rigorous scholars**, capable of **leadership** and **professional practice** in an **international community**.

# Assessments

## Assessment Structure

Assessment Item	Weight	Relevant Dates
Text Submission to Forum Post Assessment Format: Individual Short Extension: Yes (7 days)	10%	Start Date: Not Applicable Due Date: 09/08/2024 11:59 PM Post Date: 23/08/2024 08:00 AM
Problem Domain Analysis Assessment Format: Individual Short Extension: Yes (7 days)	35%	Start Date: Not Applicable Due Date: 23/08/2024 11:59 PM Post Date: 06/09/2024 08:00 AM
Video Submission to Forum Post Assessment Format: Individual Short Extension: Yes (7 days)	10%	Start Date: Not Applicable Due Date: 27/09/2024 11:59 PM Post Date: 11/10/2024 08:00 AM
Risk Management Plan Assessment Format: Individual	45%	Start Date: Not Applicable Due Date: 25/10/2024 11:59 PM Post Date: 28/11/2024 03:00 PM

## Assessment Details

### Text Submission to Forum Post

#### Assessment Overview

This is a reflective assessment in which you must contribute to a forum by a post of <850 words.

#### Course Learning Outcomes

- CL01 : Analyse the key concepts of risk, uncertainty and the effect that it has in the networked chain of global logistics
- CL02 : Critically understand the ISO standard on risk management, its different phases and importance in managing logistics operations

#### Detailed Assessment Description

Please refer to the course Moodle site for further information on this assessment. Information will be available after Monday 1 July 2024.

#### **Permitted use of AI tools: SIMPLE EDITING ASSISTANCE**

For this assessment task, you may use AI-based software to research and prepare before completing your assessment. You are permitted to use standard editing and referencing functions in word processing software, spelling and grammar checking and reference citation generation in the creation of your submission. You must not use any functions that generate or

paraphrase passages of text, whether based on your own work or not.

Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your answer contains passages of AI-generated text you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

**Please refer to the General Assessment Information section below for information on the requirement to include a cover sheet/declaration with all assessments, disclosing whether AI tools were used.**

#### **Assessment Length**

850 words

#### **Submission notes**

Please refer to Moodle for further information on the submission process

#### **Assignment submission Turnitin type**

This is not a Turnitin assignment

### **Problem Domain Analysis**

#### **Assessment Overview**

This reflective assessment allows you to investigate whether your chosen activity's risk is managed according to the ISO standard.

#### **Course Learning Outcomes**

- CL01 : Analyse the key concepts of risk, uncertainty and the effect that it has in the networked chain of global logistics
- CL03 : Understand various computational methods and techniques for risk identification, qualification and management
- CL04 : Apply risk management techniques for improved management of operations

#### **Detailed Assessment Description**

Please refer to the course Moodle site for further information on this assessment. Information will be available after Monday 1 July 2024.

#### **Permitted use of AI tools: SIMPLE EDITING ASSISTANCE**

For this assessment task, you may use AI-based software to research and prepare before completing your assessment. You are permitted to use standard editing and referencing

functions in word processing software, spelling and grammar checking and reference citation generation in the creation of your submission. You must not use any functions that generate or paraphrase passages of text, whether based on your own work or not.

Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your answer contains passages of AI-generated text you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

**Please refer to the General Assessment Information section below for information on the requirement to include a cover sheet/declaration with all assessments, disclosing whether AI tools were used.**

#### **Assessment Length**

2000 words

#### **Submission notes**

Please refer to Moodle for further information on the submission process

#### **Assignment submission Turnitin type**

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

### **Video Submission to Forum Post**

#### **Assessment Overview**

For this assessment, you must make a video of a maximum of five minutes answering the assessment question.

#### **Course Learning Outcomes**

- CLO3 : Understand various computational methods and techniques for risk identification, qualification and management
- CLO4 : Apply risk management techniques for improved management of operations

#### **Detailed Assessment Description**

Please refer to the course Moodle site for further information on this assessment. Information will be available after Monday 1 July 2024.

#### **Permitted use of AI tools: SIMPLE EDITING ASSISTANCE**

For this assessment task, you may use AI-based software to research and prepare before

completing your assessment. You are permitted to use standard editing and referencing functions in word processing software, spelling and grammar checking and reference citation generation in the creation of your submission. You must not use any functions that generate or paraphrase passages of text, whether based on your own work or not.

Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your answer contains passages of AI-generated text you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

**Please refer to the General Assessment Information section below for information on the requirement to include a cover sheet/declaration with all assessments, disclosing whether AI tools were used.**

#### **Assessment Length**

5 minute video

#### **Submission notes**

Please refer to Moodle for further information on the submission process.

#### **Assignment submission Turnitin type**

This is not a Turnitin assignment

## **Risk Management Plan**

#### **Assessment Overview**

This assessment emphasises analysis, reflection and solution development in solving a real-world problem resulting from poor risk management.

#### **Course Learning Outcomes**

- CL01 : Analyse the key concepts of risk, uncertainty and the effect that it has in the networked chain of global logistics
- CL02 : Critically understand the ISO standard on risk management, its different phases and importance in managing logistics operations
- CL03 : Understand various computational methods and techniques for risk identification, qualification and management
- CL04 : Apply risk management techniques for improved management of operations

#### **Detailed Assessment Description**

Please refer to the course Moodle site for further information on this assessment. Information



will be available after Monday 1 July 2024.

### **Permitted use of AI tools: SIMPLE EDITING ASSISTANCE**

For this assessment task, you may use AI-based software to research and prepare before completing your assessment. You are permitted to use standard editing and referencing functions in word processing software, spelling and grammar checking and reference citation generation in the creation of your submission. You must not use any functions that generate or paraphrase passages of text, whether based on your own work or not.

Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your answer contains passages of AI-generated text you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

Please refer to the General Assessment Information section below for information on the requirement to include a cover sheet/declaration with all assessments, disclosing whether AI tools were used.

### **Assessment Length**

3000 words

### **Submission notes**

Please refer to Moodle for further information on the submission process.

### **Assignment submission Turnitin type**

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

## **General Assessment Information**

### **Referencing**

APA 7th Edition is the preferred referencing format.

### **Ethical and Responsible Use of Artificial Intelligence at UNSW**

At UNSW, students must use artificial intelligence ethically and responsibly.

This includes:

- Adhering to course/assessment guidelines regarding use of AI tools;
- Acknowledging AI-generated content in your assessments, following UNSW guidance on

[Referencing and acknowledging the use of artificial intelligence tools](#). In the School of Business, students are required to include a **cover sheet/declaration** for all assessments (see the Assessments Hub on the Course Moodle site). If you do not submit a completed cover sheet/declaration with your assessment, you will be emailed to request resubmission of your assessment with the required cover sheet/declaration (noting your assessment will not be graded until the cover sheet is included);

- Not including your own or others' personal or private information in prompts;
- Verifying and critiquing all AI generated material; and
- Avoiding using AI tools to translate your writing.

Please refer to [Ethical and Responsible Use of Artificial Intelligence at UNSW](#) for further information.

### **Short Extensions (School of Business, Postgraduate)**

An automatic Short Extension (without documentation) of **seven calendar days** may be available for some assessment tasks in this course. Please check assessment instructions and further guidance on the course Moodle site.

You can apply by accessing the Short Extension Student Portal on the [Special Consideration login page](#).

Applications for Short Extensions **MUST** be submitted before the assessment due date. Late applications are not permitted. If you do not apply on time, you will have to submit a Special Consideration application with the appropriate supporting documentation, within 3 working days of the assessment due date.

Only one Short Extension can be granted for any given assessment. All subsequent extension requests must be submitted as a Special Consideration application.

For assessment tasks where a Short Extension is not available, students needing an extension (of any duration) must apply via the Special Consideration process.

### **Special Consideration**

Applications for Special Consideration should be submitted **BEFORE** the assessment due date.

If extenuating circumstances prevent you from submitting an application before the due date, please notify your course convenor by email and submit the application as soon as possible.

If your application is approved, the outcome may be one of the following:

- A supplementary or alternative assessment,
- An extended deadline for the assessment (note the extension granted is normally equivalent to the period of impact outlined in your supporting documentation),
- An aggregated or averaged mark derived from other comparable completed assessments.

Please note, applying for Special Consideration does not automatically mean that you will be granted additional assessment, or that you will be awarded an amended result.

**More information on Short Extensions and Special Consideration:** <https://www.student.unsw.edu.au/special-consideration>.

### **Late Submission of Assessment**

UNSW has a standard late submission penalty of:

- 5% per day,
- for all assessment tasks where a penalty applies,
- capped at five days (120 hours) from the assessment submission deadline. In case of approved Equitable Learning Plan (ELP) provision, special consideration or short extension, the late penalty applies from the date of approved time extension. After five days from the original or extended deadline, a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet assessment task submission and completion deadlines, and to apply for extensions as early as possible before the assessment task deadline.

### **Grading Basis**

Standard

### **Requirements to pass course**

Students must achieve at least 50% overall to pass the course. Students are expected to engage actively in course learning activities and attempt all assessment requirements in the course.

# Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 15 July - 19 July	Topic	Understanding Logistics and Interconnected Business Activities
Week 2 : 22 July - 26 July	Topic	Understanding Risk and its Importance
Week 3 : 29 July - 2 August	Topic	Risks in the Logistics/Interconnected Business Activities
Week 4 : 5 August - 9 August	Topic	ISO 31000:2018 Standard on Risk Management
Week 5 : 12 August - 16 August	Topic	Risk Identification Techniques
Week 6 : 19 August - 23 August	Topic	Risk Identification and Assessment Techniques
Week 7 : 9 September - 13 September	Topic	Data Analytics for Risk Identification
Week 8 : 16 September - 20 September	Topic	Capturing Variability & Severity in Risk Assessment of Future Activities
Week 9 : 23 September - 27 September	Topic	Risk Evaluation and Prioritisation
Week 10 : 30 September - 4 October	Topic	Risk Management & Recording - Risk Management Maturity
Week 11 : 7 October - 11 October	Topic	Resilience and its Importance for Logistics/Business Operations
Week 12 : 14 October - 18 October	Topic	Business Continuity Management
Week 13 : 21 October - 25 October	Lecture	Guest Lecture

## Attendance Requirements

Not Applicable - as no class attendance is required

## General Schedule Information

Please see the course Moodle site for more information.

## Course Resources

### Prescribed Resources

D Waters. (2011). *Supply Chain Risk Management: Vulnerability and Resilience in Logistics Ed. 2*. Kogan Page.

### Recommended Resources

Hussain, O. K. (2013). *Risk Assessment and Management in the Networked Economy*. Springer. - DO NOT PURCHASE THIS BOOK. FREE FROM LIBRARY.

## Course Evaluation and Development

Student evaluation of this course will be conducted at the end of the semester in the form of a myExperience survey. The course convenor welcomes feedback on the topics, materials, and assessment activities used in this course. Constructive feedback will be used to improve this course's current and future runs.

From 2021 onwards, the course convenor used videos as the mode to provide feedback on Assessments 2 and 4. This was received very positively by the students and will continue this semester.

**Important note:** Students are reminded that any feedback provided should be constructive and professional and that they are bound by the [UNSW Code of Conduct and Values](#).

## Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	A/Prof Omar Hussain		Building 27, Room 216, School of Business, UNSW Canberra	+61 2 5114 5687	Please email to make an appointment	Yes	Yes

## Other Useful Information

### School Contact Information

School of Business

Email: [Business@adfa.edu.au](mailto:Business@adfa.edu.au)