Module Descriptor

Title	Project Risk Management		
Session	2025/26	**Status**	Published
Code	QUAL11019	**SCQF Level**	11
Credit Points	20	**ECTS (European Credit Transfer Scheme)**	10
School	**Computing, Engineering and Physical Sciences**		
Module Co-ordinator	A Arokiam (London) & I Spanovic (Paisley)		

Summary of Module

This module presents an advanced study of risk and the application of risk management in the workplace with a particular focus on project risk management. The syllabus covers:

Introduction to risk, uncertainty and risk management; Risk attitudes and appetites of individuals, groups, organisations and society; Risk management in the workplace: enterprise, health & safety, finance and data; Government and legislative influences; Definitions and frameworks for strategic risk management; Qualitative risk assessment methods; Quantitative risk analysis; Modelling tools and techniques to assist in decision making under uncertainty.

Undertaking this module will develop a number of graduate attributes. Case studies are used to demonstrate work-based practice. The module will equip the students with a full understanding of the origins and purposes of risk management. They will develop critical-thinking, problem-solving and presentation skills.

Module Delivery Method	**On-Campus**[1] ☒	**Hybrid**[2] ☒	**Online**[3] ☒	**Work -Based Learning**[4] ☐
Campuses for Module Delivery	☐ Ayr ☐ Dumfries	☐ Lanarkshire ☒ London ☒ Paisley	☒ Online / Distance Learning ☒ Other (specify) LUBM	

[1] Where contact hours are synchronous/ live and take place fully on campus. Campus-based learning is focused on providing an interactive learning experience supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus contact hours will be clearly articulated to students.

[2] The module includes a combination of synchronous/ live on-campus and online learning events. These will be supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus and online contact hours will be clearly articulated to students.

[3] Where all learning is solely delivered by web-based or internet-based technologies and the participants can engage in all learning activities through these means. All required contact hours will be clearly articulated to students.

[4] Learning activities where the main location for the learning experience is in the workplace. All required contact hours, whether online or on campus, will be clearly articulated to students

Terms for Module Delivery	Term 1	☒	Term 2	☒	Term 3	☒
Long-thin Delivery over more than one Term	Term 1 – Term 2	☐	Term 2 – Term 3	☐	Term 3 – Term 1	☐

Learning Outcomes	
L1	Demonstrate a critical understanding of the principal concepts and theories of risk and uncertainty.
L2	Critically evaluate the influences of individuals, systems and organisations upon managing risk.
L3	Identify and critically evaluate the use of typical approaches to evaluating and controlling risks in business and project situations.
L4	Apply specialised methods and techniques for modelling and managing risk.
L5	N/A

Employability Skills and Personal Development Planning (PDP) Skills	
SCQF Headings	**During completion of this module, there will be an opportunity to achieve core skills in:**
Knowledge and Understanding (K and U)	**SCQF 11** Gain a critical understanding of the principles of risk management. Achieve knowledge of and be able to evaluate the effectiveness of establishing systems for risk management.
Practice: Applied Knowledge and Understanding	**SCQF 11** Identify informed approaches to establishing risk management systems in a range of business and project settings. Collect and manage data and gain a coherent understanding of theories and practices in modelling.
Generic Cognitive skills	**SCQF 11** Develop and demonstrate an ability to communicate effectively in a variety of professional settings. Demonstrate an understanding of a complex issue and develop a creative and sensible solution to an industrial problem.
Communication, ICT and Numeracy Skills	**SCQF 11** Gain a full understanding of the process of preparing oral and written reports, using IT. Prepare and present simulation model results in a business setting.
Autonomy, Accountability and Working with Others	**SCQF 11** Work as part of a team to analyse information, formulate a solution and present it back to the group. Work independently to analyse a situation and to be able to defend and debate recommendations.

Prerequisites	**Module Code** N/A	**Module Title** N/A

	Other	
Co-requisites	**Module Code** N/A	**Module Title** N/A

Learning and Teaching	
In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours. The Learning & Teaching Strategy for this module is based on the general strategy for the MSc Project Management. Classes are delivered on a weekly basis. Lectures introduce and exemplify key theoretical and critical concepts. Tutorial sessions will be given to further develop students' understanding and facilitate them to practice managing a project within their groups. Students are given sufficient time and support to work on the coursework. For Distance Learning students and hybrid/blended deliveries, full use will be made of the VLE. That is, all teaching material will be made available online and students will be guided through the material. Email and videoconferencing will be used to support students. The class test will need to take place at a designated remote site under UWS protocols.	
Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	**Student Learning Hours** (Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture / Core Content Delivery	24
Tutorial / Synchronous Support Activity	12
Independent Study	164
n/a	0
n/a	0
n/a	0
TOTAL	200

Indicative Resources
The following materials form essential underpinning for the module content and ultimately for the learning outcomes: Boothroyd, K. and Thompson, C. (2024), Fundamentals of Risk Management: Understanding, Evaluating and Implementing Effective Risk Management, 7th edition. Kogan Page: UK APM Body of Knowledge (2019) 7th edition, Princes Risborough: Association for Project Management, UK. APM Project Risk Analysis and Management (PRAM) guide, 2nd edition, Princes Risborough: Association for Project Management, UK. Office of Government and Commerce (2010 edition), Management of risk: guidance for practitioners, The Stationery Office Ltd, UK. A Guide to the Project Management Body of Knowledge (PMBOK® Guide) (2021) 7th edition.

(N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements
In line with the Student Attendance and Engagement Procedure, Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time. **For the purposes of this module, academic engagement equates to the following:** • Prompt Attendance of Lectures - Students are expected to attend scheduled lectures promptly and actively participate by taking notes, asking questions, and contributing to discussions. • Prompt Attendance of Tutorials - Students are expected to attend tutorials on time, prepared with any assigned readings or tasks. Active participation in tutorial discussions and activities is strongly encouraged. • Weekly Access to Materials on Aula - Students are required to access the VLE on a weekly basis to stay informed about updates, download lecture slides or readings, and engage with any online activities or discussions. • Successful completion and submission of coursework

Equality and Diversity
The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: UWS Equality, Diversity and Human Rights Code. Aligned with the University's commitment to equality and diversity, this module supports equality of opportunity for students from all backgrounds and learning needs. Using the VLE, material will be presented electronically in formats that allow flexible access of content. This module complies with university regulations and guidance on inclusive learning and teaching practice. Specialist assistive equipment, support provision and adjustment to assessment practice in accordance with the University's policies and regulations. More information on the University's EDI policies can be accessed at: https://www.uws.ac.uk/about-uws/uws-commitments/equality-diversity-inclusion/
(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	**Engineering Physical Sciences**
Overall Assessment Results	☐ **Pass / Fail** ☒ **Graded**
Module Eligible for Compensation	☐ **Yes** ☒ **No** **If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.**
School Assessment Board	Civil Engineering and Quality Management
Moderator	M Adil-Abassi

External Examiner	A Garad
Accreditation Details	The Module is part of the MSc Project Management Programme, Accredited by the Association for Project Management.
Module Appears in CPD catalogue	☒ **Yes** ☐ **No**
Changes / Version Number	2.20

Assessment (also refer to Assessment Outcomes Grids below)
Assessment 1
Two items, both done in groups, totalling 70% of the module. Students will model and analyse a problem of risk and uncertainty using quantitative modelling (worth 35%). Students will perform a mainly qualitative exercise of risk assessment and analysis and deliver a report and presentation (worth 35%).
Assessment 2
One item, carried out by individual students, totalling 30% of the module. A class test will be conducted on the VLE and be made available for a specified period of time to allow access across different time zones.
Assessment 3
N/A
(N.B. (i) Assessment Outcomes Grids for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed. (ii) An indicative schedule listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Component 1							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
Coursework	☐	☒	☒	☒	☐	70	

Component 2							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
Class test	☒	☐	☒	☐	☐	30	2

Component 3							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
N/A	☐	☐	☐	☐	☐		

Combined total for all components	100%	hours

Change Control

What	When	Who
Clarification on wording of assessment, change in moderator, rationalisation of marking grid, in line with ILR recommendations, change of coordinator.	March 2025	Andy Durrant, Alan Arokiam, Hazhar Faris, Zoofishan Hayat, Muhammad Ayat, Irena Spanovic, Muhammad Adil-Abassi