Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Online M.Sc./ Postgraduate Diploma

Managing Risk and System Change

Centre for Innovative Human Systems (CIHS)
School of Psychology

KEY INFORMATION

Course Length:
Postgraduate Diploma (1 year part time)
M.Sc.   (2 year part-time)

Duration:
September - June Annually

Course Structure:
7 Core Taught Modules in year 1
Research Dissertation in Year 2

Further Information:
www.tcd.ie/OnlineEducation/

COURSE OBJECTIVES

This online Masters programme is relevant to safety critical industries across the globe and focused on people already in work, who have responsibility for managing: risk; change; safety; quality; planning; system design. This online course brings the next generation of safety, risk and change management to you, in your work, embedded in your everyday practice with a systemic, proactive and performance focus.

The overall objective of this online Masters programme is to provide a rigorous but practical focus on risk, change and system design in operations, manufacturing and services, with an innovative integrated approach to the role of people in such systems. It provides a core framework that has been tested in collaborative industrial research and practice for managing and developing people, the design and integration of new technologies, the management of risk and the implementation of change. It will deploy cutting-edge knowledge to foster advanced standards of professional practice and world class research in pursuit of the overall programme's objectives.

COURSE OVERVIEW

The programme consists of seven core modules and runs from September until June in year one. Year two of the programme is dedicated to the research dissertation. The dissertation will provide students with an opportunity to pursue a research topic based on key strategic operational issues within their organisations in order to create a research-practitioner capability in managing risk and system change.

The taught modules create a strong learning framework supporting the student though a sequence of preparation, study, application of the material, reflection, recall, and discussion with tutors and

M1. The Role of People & Processes in Organisations (10 ECTS)
How people work together with technologies using knowledge and information in functional social systems?

M2. Stability & Change (10 ECTS)
What makes organisations stable, why change is difficult and how to improve the effectiveness of change?

M3. Managing Performance & Risk (10 ECTS)
Factors that affect human performance and the application of concepts of hazard and risk to complex operational systems

M4. Socio-Technical System Design (10 ECTS)
The role of human factors in the design cycle in ensuring usable and operationally effective technologies

M5. Leading Change (5 ECTS)
Building a practical understanding of one's own professional role and the competencies of effective leadership

M6. Strategic Human Resource Development (5 ECTS)
Developing the role of people in supporting effective operations and capability to change

M7. Statistics & Action Research Methods (10 ECTS)
Design principles and methodologies for research and evaluation in practical operational situations

fellow students. This focuses not only on the academic content of the material, but also on its application to the student's own organisation and to his or her own professional development. Students each produce a dossier applying the knowledge and concepts from each of modules 1 to 4 to an organisation (their own or one they know well). This provides a practical way to apply and evaluate their knowledge, and to prepare for their research project in year 2.
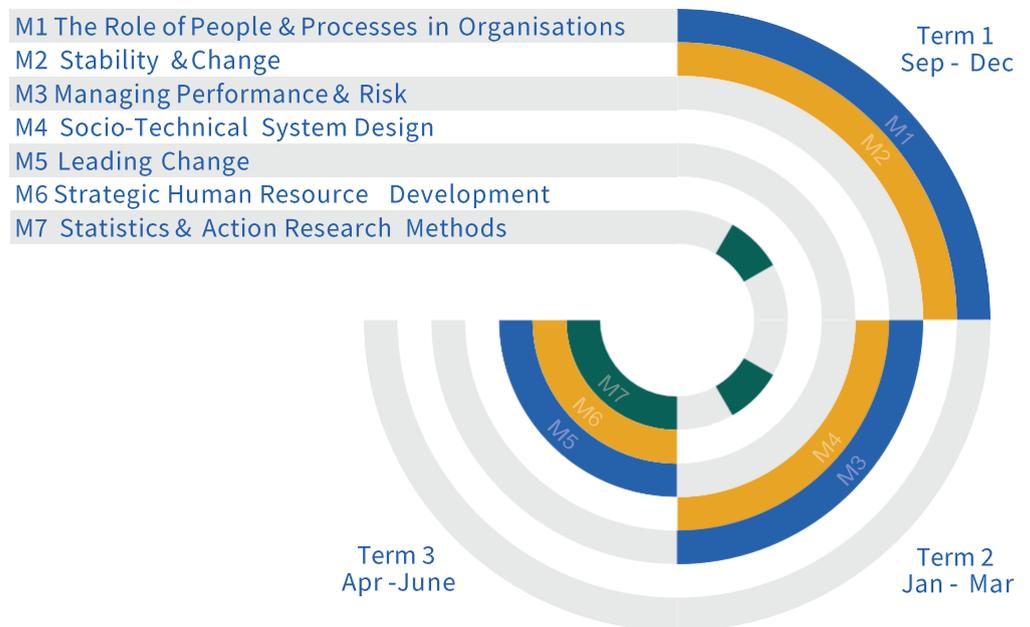
INDICATIVE TIMETABLE & COURSE ASSESSMENTS

The table below provides an indicative timetable. Modules will be divided into sessions with one session per module released to the student each week. Modules with 10 ECTS will contain 10 sessions normally delivered over 10 weeks, modules with 5 ECTS will contain 5 sessions normally delivered over 5 weeks.

Each module will take place within a designated term time and assessments will be due for submission at the end of each module, with the exception of Module 7 which will run throughout the full year with assessment at the end.

Assessments will take the form of an organisational dossier (for modules 1 to 4), group projects on developing good practice (for modules 5 and 6) and a multiple choice exam and mini-project (for module 7). There will also be evaluation of reflective assignments and student blogs across different modules.

M1 The Role of People & Processes in Organisations
M2 Stability & Change
M3 Managing Performance & Risk
M4 Socio-Technical System Design
M5 Leading Change
M6 Strategic Human Resource Development
M7 Statistics & Action Research Methods

Term 1
Sep - Dec

Term 2
Jan - Mar

Term 3
Apr - June

WHAT TO EXPECT AS AN ONLINE STUDENT?

Trinity College's Centre for Innovative Human Systems (CIHS) is one of the very few places that offer the opportunity to undertake this programme through distance learning. Delivering this programme in this manner will provide students with a stimulating online learning experience by creating a structured yet flexible learning approach. The time of study will also be flexible as students can engage with the majority of the learning activities at a time that suits their schedules and personal responsibilities.

The learning that takes place according to the student's own availability is the asynchronous learning experience. One lesson plan for each module will be released to students each week and each module adopts a structured approach to learning. Students are required to engage in specified tasks and activities by specified deadlines. In addition, certain parts of the course require all students to participate in a shared learning activity at the same time – this is the synchronous learning experience. Learning materials can be accessed completely online at any time of the day.

At all stages of the course, the student will have support of the lecturing staff and course coordinator. Students will access academics and relevant administration staff for assistance should the need arise. Lecturers can be asked content-related questions each week through the synchronous tutorials, where students will get real-time responses to any questions they might have. In addition, module-level and session-level discussion-forum will provide the opportunity for students to pose questions that all students and academics on the course can see and respond to.

FEES & EU ELIGIBILITY

EU students: €6,925
Non-EU students: €8,925
*IMPORTANT: Fees may be increased annually subject to inflation.

Application Fee: €35 (to be paid online)

Please consult information for admission eligibility as an EU/Non-EU student

http://www.tcd.ie/Graduate_Studies/prospectivestudents/howtoapply/ requirements/index.php

ENTRY REQUIREMENTS

Applicants will normally be required to hold an Honours degree or equivalent and have at least 3 to 4 years appropriate professional experience. Applicants will also have to be in (or have access to) an employment setting that facilitates the applicant to be able to satisfy the applied research aspect of the course.

How to apply:

http://www.tcd.ie/courses/postgraduate/az/course.php?id=DPTPS-MRSC-1O09

Course Contact:

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