

# TU Delft Risk Management Summer Course 2020



This summer TU Delft offers a unique modular programme in relation to risk management. Now in its 6th year, we invite academic as well as public and private sector participants to take part in this course which includes content on the globally acclaimed ISO 22301, ISO 31000 and ISO 27001 standards.

This annual Summer Course offers the latest best practices and case studies in dealing with risk management, ranging from big hazards like fire, flood or chemical disasters to strategies for loss of IT or staff. It's the perfect way to familiarise yourself with real-life business risks and how to implement controls to reduce their impact and likelihood.

## Key Benefits

- Learn from leading TU Delft professors and experts from industry as well as fellow participants through idea sharing and discussing risk related challenges
- Hands-on games and practical assignments to ensure active participation and real-life learning
- Excellent take-home value in the form of world-class templates for Business Continuity Planning (BCP), Information Security (IS) and Risk Management (RM)
- Optional ISO certification exams at reasonable rates and for any level (Foundation, Lead Implementer, Lead Risk Manager and Lead Auditor) - governed by the worldwide established Professional Evaluation and Certification Board (PECB), providing you with the latest international credentials after passing the exam and getting global certification.

## Pre-course self study kit for ISO exam candidates

Participants choosing to sit one or several ISO 22301, ISO 31000 or ISO 27001 exams will receive a self study kit prior to the programme, which enables them to enter the classroom modules with the same level of theoretical background. This allows for the classroom course content to contain less theory and be highly practical and hands-on.

### ISO exam options:

<b>Risk Management (ISO 31000):</b>	<input type="checkbox"/> Foundation	<input type="checkbox"/> Lead Risk Manager	
<b>Information Security (ISO 27001):</b>	<input type="checkbox"/> Foundation	<input type="checkbox"/> Lead Implementer	<input type="checkbox"/> Lead Auditor
<b>Business Continuity (ISO 22301):</b>	<input type="checkbox"/> Foundation	<input type="checkbox"/> Lead Implementer	<input type="checkbox"/> Lead Auditor

### Notes:

- Exams are hand-written, classroom style.
- Governed by the internationally renowned PECB institute.
- Foundation certification does not require any professional experience and last a lifetime without attracting any fees ever again.
- Certification requires professional experience including referee statements and costs US\$100 per annum after year 1.
- Up to 2 exams can be included in each module, in which case the second exam may be planned after discussion with the invigilator, on a mutually suitable date.
- Passing both Lead exams for a particular ISO standard, plus relevant professional experience, can lead to Master certification.  
Be one of just few in the world!



## Course and exam fees:

### Attendance-only (no exam / includes minimum of 1 social activity and coffee/tea):

- Corporate rate: 2-day module €590 / 3-day module €790
- TU Delft PhD students can follow the Safe by Design module for free
- TU Delft staff and returning Summer Course alumni: 2-day module €150/ 3-day module €200 (available via HR portal)

### Add-on ISO exam fees (incl pre-course digital study kit, exam pack, international certification application fees):

- €690 per 'Foundation' exam / €990 per 'Lead' level exam.

### Special 15% off corporate ISO package (3 modules, 2-10 July, including 3 Foundation exams):

- €3,490 (including lifetime Foundation certification in ISO 22301, ISO 31000 and ISO 27001) and follow the Safe by Design module for free!

## Notes:

- Fees do not include lunches
- Upgrading to Lead level in Corporate ISO-package: €300 per exam
- Alumni who hold Foundation but want to sit Lead exams this year receive a €100 discount for a Lead exam and pay €890
- The organisers have the right to cancel the course no later than two months before the planned course start date in the case that the number of registrations does not reach the minimum.



**20%** Government

**30%** TU Delft

**50%** Corporate participants

*Based on averages from 2018-2019 Summer Course*

Main facilitators:

**Prof. dr.ir. Pieter van Gelder**  
**Ir. Rinske Geerlings**



About Pieter:

- **Leads Safety and Security Science at TU Delft**
- *Is chairman of the ESRA Technical Committee on Natural Hazards*
- **Highly cited in the field of infrastructure safety and statistical modelling**

**50%** Dutch **50%** International Delegates

*Based on averages from 2018-2019 Summer Course*



Rinske started **Business As Usual in Sydney (Australia)** in 2006 and now conducts projects across 5 continents.



Rinske was awarded:

- **Alumnus of the Year 2012 (TU Delft)**
- *Risk Consultant of the Year 2017 (RMIA)* and
- **Outstanding Security Consultant Finalist in 2019 (OSPAs)**

Safety by Design	Risk Management (ISO 31000)
3 days: June 29/30 and July 1	2 days: July 2/3
<p>Special new module that welcomes PhD students and all others interested in learning about the Safe-by-Design (SbD) approach. This design approach puts safety on the forefront as a core value of any innovation or design process. SbD aims to mitigate risks as much as possible during the design process rather than during manufacturing or customer use. What SbD precisely entails in terms of risk assessment, risk management, chain coordination and so on, will vary from one field to the next.</p> <p><b>Featured topics and highlights:</b></p> <ul style="list-style-type: none"> <li>• Discussion of theory and practice of Safety Science and SbD, how does this approach work?</li> <li>• Designing for Safety: how can this approach be addressed at all phases of design, research and innovation?</li> </ul>	<p>Includes an overview of key global risks, recent case studies and the relevance of using the ISO 31000 standard for Risk Management.</p> <p><b>Featured topics and highlights:</b></p> <ul style="list-style-type: none"> <li>• ‘Myths and realities’ in Risk Management</li> <li>• Discussion: Is risk analysis subjective or objective?</li> <li>• Risk and Crisis Communication</li> <li>• A risk appetite determination exercise</li> <li>• Flood risks including forecasting</li> <li>• Aviation risks including real-life examples</li> <li>• Chemical disasters</li> <li>• Risk calculation methods</li> <li>• Exam training and up to 2 optional ISO exams (Foundation and/or Lead Risk Manager)</li> </ul>
Information Security Management (ISO 27001)	Business Continuity Management (ISO 22301)
3 days: July 6/7/8	2 days: July 9/10
<p>Includes an overview of recent data leaks, cyber crime case studies and Information Security risks, as well as the benefits of using the ISO 27001 standard.</p> <p><b>Featured topics and highlights:</b></p> <ul style="list-style-type: none"> <li>• Cyber security best practices</li> <li>• The concept of Confidentiality, Integrity and Availability (CIA)</li> <li>• An interactive security breach simulation game in teams</li> <li>• Information Security Management System (ISMS) approaches</li> <li>• Information security controls</li> <li>• Information security in the supply chain</li> <li>• Exam training and up to 3 optional ISO exams (Foundation and/or Lead Implementer and/or Lead Auditor)</li> </ul>	<p>Includes an overview of recent continuity challenges and case studies and hands-on templates to make the ISO 22301 standard practical and user-friendly.</p> <p><b>Featured topics and highlights:</b></p> <ul style="list-style-type: none"> <li>• Business Continuity ‘the good, the bad and the ugly’ examples</li> <li>• Business Impact Analysis (BIA), Risk Assessment and Business Continuity Plans (BCPs)</li> <li>• Scenario-based disaster drill in sub-groups</li> <li>• Best practice strategies for loss of building, loss of IT, loss of staff, loss of voice communication and loss of supplier</li> <li>• Exam training and up to 3 optional ISO exams (Foundation and/or Lead Implementer and/or Lead Auditor)</li> </ul>

## Four excellent modules to choose from

June 29/30 and July 1	Safety by Design (new module)
July 2/3	Risk Management (ISO 31000)
July 6/7/8	Information Security Management (ISO 27001)
July 9/10	Business Continuity Management (ISO 22301)