Short Courses Programme 2021

The ISI Short Course Committee for ISI WSC 2021 developed an online short course programme to be delivered over the months of May and June. A short course was scheduled for 1 day (3 hours), 2 days (6 hours) or 3 days (9 hours). The selected short courses had been approved by the ISI Executive Committee. They met the needs of the Associations and Special Interests, particularly Young Statisticians, Continuing Professional Development, and Statistical Capacity Building.

All courses ran from 14:00–17:00 CEST

- **6 May**
  - [Large-Scale Spatial Data Science](#)
    - *Instructors*: Prof. Marc Genton, Dr. Huang Huang, Dr. Sameh Abdulah
- **10 May – 12 May**
  - [Quality of multisource statistics](#)
    - *Instructors*: Dr. Arnout van Delden, Dr. Ton de Waal
- **17 May**
  - [Fraud Analytics](#)
    - *Instructor*: Dr. Tahir Ekin
- **18 May – 19 May**
  - [Financial Accounts – Concepts, compilation and use](#)
    - *Instructors*: Henning Ahnert, Pierre Sola, Maciej Anacki, Andreas Hertkorn
- **20 May – 21 May**
  - [Building technical editing and science communication skills for 21st Century](#)
    - *Instructors*: Prof. Elena N. Naumova, Prof. Alessandro Fassò
- **25 May – 27 May**
  - [Introduction to Graph Sampling](#)
    - *Instructors*: Prof. Li-Chun Zhang, Dr. Melike Oguz-Alper
- **28 May**
  - [An Introductory Course in Competing Risks](#)
    - *Instructor*: Jacobo de Uña-Álvarez
- **31 May**
  - [Recurrent Event Analysis in R with the reReg package](#)
    - *Instructor*: Dr. Sy Han (Steven) Chiou
- **1 June – 3 June**
  - [Spatial Statistical Learning](#)
    - *Instructors*: Dr. Soutir Bandyopadhyay, Dr. William Kleiber, Dr. Douglas Nychka
• 4 June  
  **Reshaping challenging data to produce insightful graphs - a quick start to using R tidyverse tools**  
  *Instructors:* Prof. John Bailer, Assoc. Prof. Thomas Fisher  

• 7 June – 9 June  
  **Statistical Theory of Deep Learning**  
  *Instructor:* Dr. Sophie Langer  

• 10 June – 11 June  
  **Statistical Disclosure Control: Past, Present and Future**  
  *Instructor:* Prof. Natalie Shlomo  

• 14 June – 15 June  
  **Introduction to Machine Learning**  
  *Instructor:* Prof. David Banks  

• 16 June – 17 June  
  **Data Science and Predictive Analytics (DSPA)**  
  *Instructor:* Prof. Dr. Ivo D. Dinov  

• 18 June  
  **Bootstrap Methods and Permutation Tests**  
  *Instructor:* Tim Hesterberg  

• 21 June – 22 June  
  **Basketball Data Analysis**  
  *Instructors:* Prof. Marica Manisera, Prof. Paola Zuccolotto  

• 23 June  
  **Teaching Data Science**  
  *Instructors:* Dr. Mine Çetinkaya-Rundel, Dr. Colin Rundel  

• 24 June  
  **Communicating health data: the COVID-19 experience — day 1**  
  *Instructors:* Prof. Fulvia Mecatti, Prof. Clelia Di Serio  

• 28 June  
  **Precision medicine: A statistical perspective on estimating the best treatment strategy**  
  *Instructor:* Dr. Erica E.M. Moodie  

• 29 June – 30 June  
  **Cure Models: Methods, Applications, and Implementation**  
  *Instructors:* Dr. Yingwei Peng, Dr. Binbing Yu  

• 1 July  
  **Communicating health data: the COVID-19 experience — day 2**  
  *Instructors:* Prof. Fulvia Mecatti, Prof. Clelia Di Serio
### Registration fees

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<thead>
<tr>
<th>Type of participant</th>
<th>Course duration</th>
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<tr>
<td>Developed country</td>
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<td>€ 80</td>
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<tr>
<td></td>
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For questions regarding short courses please use our [contact form](https://www.isi-web.org/courses).