

| Type ▾       | Curriculum ▾ | Lectures ▾                                     | Course ▾                                                                                                         | Modality ▾  | Hours ▾ | Month           | Year |
|--------------|--------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------|---------|-----------------|------|
| Basic        | All          | Prestininzi, Franco                            | A beginner's guide to research related activities; scientific writing and presentation"                          | In presence | 4       | 9 April March   | 2025 |
| Basic        | All          | Marfia, Malena, Monaldo                        | Understanding nonlinear problems in civil engineering                                                            | In presence | 21      | 3-6 June        | 2025 |
| Specialistic | Structures   | Hoang Nam Phan<br>(Danang, Vietnam)            | Advanced Surrogate Modeling for Seismic Response and Vulnerability Assessment of Structures: Theory and Practice | Online      | 10      | 23-27 June      | 2025 |
| Basic        | All          | Aldo Fiori                                     | Introduction to geostatistics                                                                                    | In presence | 10      | 7 - 9 July      | 2025 |
| Basic        | All          | Paolacci, Galusso (UCL, UK)                    | Fundamentals of Structural Reliability and Catastrophe Risk Analysis                                             | In presence | 20      | 15-18 September | 2025 |
| Basic        | All          | Fabio D'Andreagiovanni<br>(Unimore, TU Berlin) | Optimization models and algorithms for Capacitated Network Design                                                | In presence | 10      | 20-22 October   | 2025 |
| Basic        | All          | Pietro Meriggi                                 | Digital tools for civil engineering structures characterization: from geometric survey to dynamic identification | in presence | 10      | 27-28 October   | 2025 |
| Basic        | All          | Gemma, Quinci                                  | Machine Learning & AI Methods - Theory, techniques, and Advanced Applications in Civil Engineering               | In presence | 12      | 3-6 November    | 2025 |
| Specialistic | Structures   | Matteo Felitti (Unina)                         | Analysis of existing reinforced concrete structures and infrastructure subject to localized corrosion damage     | In presence | 10      | 1-3 December    | 2025 |