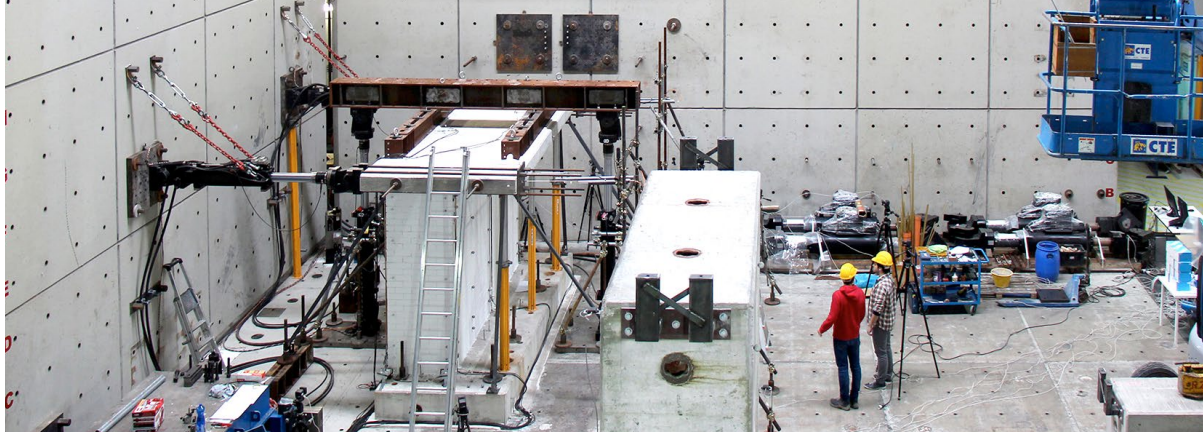




**The ROSE
School Master's**
in Earthquake
Engineering

A 12-month Second-level Master's Programme

In a world driven by new trends – AI, sustainability, and digitalisation – this is a postgraduate programme entirely devoted to **earthquake engineering**, because engineering remains the foundation of true innovation. Taught by an international faculty, the course combines theory, experimentation, and practice.

Key features:

- Starts February 2026.
- Courses delivered in sequence, without overlapping.
- Scholarships and internships available.
- International learning environment.

FIRST SEMESTER

- | | |
|---|---------------------------|
| • Fundamentals of Probability Theory | I. Iervolino |
| • Seismic Hazard and Engineering Seismology | V. Poggi |
| • Dynamic Analysis of Structures | G. O'Reilly |
| • Nonlinear Response Analysis | R. Pinho & G. Gabbianelli |
| • Fundamentals of Seismic Design | R. Monteiro |
| • Seismic Design of Steel Structures | G.A. Rassati |

SECOND SEMESTER

- | | |
|---|----------------------------------|
| • Seismic Assessment of Masonry Structures | F. Graziotti |
| • Risk Assessment and Loss Estimation | P. Bazzurro & D. Vamvatsikos |
| • Retrofit Strategies for RC Buildings | R. Pinho |
| • Bridge Structures | G.M. Calvi |
| • Geotechnical Earthquake Engineering | N. Ntritsos |
| • GEM Models, OpenQuake Engine and Tools Training | H. Crowley, M. Pagani & V. Silva |

Applications open until 10 November 2025

Become part of the next generation of earthquake engineers.

Apply now at www.roseschool.it