Research at the University of Bologna addresses, in a multidisciplinary perspective, all aspects of open science and open innovation and the quadruple helix model, open data applications, digital humanities, skills and competencies for open science.
Open innovation
- Technology and innovation management
- R&D management; internationalization of R&D
- Economics of innovation
- Models of developing, protecting and exploiting innovation
- Technology transfer
- IPR, patenting activities and technology licensing
- Intellectual capital and innovation
- Determinants and knowledge spillovers in invention processes
- Role of skills and division of labour in collective inventions and entrepreneurship in virtual environments
- Collaborative practices and innovation, collaborative automation
- International sourcing of Knowledge and offshoring processes; offshoring of intangibles
- Scientometrics
- Economics of science; scientists’ incentives
- Organizational capabilities, inter-firm networks, industrial districts
- University-industry collaborations
- Academic entrepreneurship; academic spin offs; academic patenting
- Communication and engagement of civil society

Open data
- Big data, open data, policy making and decision-making processes
- Open data, open government, democracy and participation
- Scholarly communication
- Document engineering
- Ontology engineering
- Semantic web and ontologies; semantic publishing; digital publishing
- Knowledge management
- Knowledge management for e-Government

Skills for Open Science
- Open access publishing
- Data management and open data
- Research ethics and integrity

HIGHLIGHTS
Open Science at UNIBO
The University of Bologna is involved in the process of developing an open, transparent, and shared science. It has included Open Science in its strategical plan and has set out a University policy based on open access to research publications and data.

European Projects
Horizon 2020 SERRI - Building Self-Sustaining Research and Innovation Ecosystems in Europe through Responsible Research and Innovation.