UNIMORE
UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA

Fondazione Marco Biagi

PhD Programme in Labour, Development and Innovation

Training Programme Academic Year 2025–2026

The **PhD Course in Labour, Development and Innovation** provides candidates with the skills required to understand and address transformations in the world of work (regulatory, economic, organisational, technological and production-related transformations) and their implications. This is achieved through research tools and approaches that combine quantitative and qualitative research methodologies with the development of solid theoretical foundations drawn from multiple disciplinary fields, including law, business and management studies, statistical and economic sciences, and sociology. Particular attention is also paid to the interdependencies between different levels of analysis (micro, meso and macro), in order to investigate the complex relationships between the legal and organisational regulation of work, innovation processes within companies (industrial, service and public-sector organisations), and the dynamics of socio-economic development.

Particular emphasis is placed on understanding the dynamics of the *major transitions*, namely the technological and ecological transitions.

The conditions and transformative implications of these transitions are analysed from regulatory, economic and financial, and organisational and managerial perspectives, also considering their interplay with issues of inclusion and sustainability in the world of work and business.

The **aim of the PhD Programme** is to train professionals capable of conducting research and promoting innovation in universities, national and international research centres, and other public and private institutions, including businesses, third-sector organisations, business associations, and national and international trade unions.

The Programme aims to provide students with theoretical and methodological skills in the fields of law, business and management, and economics, enabling them to understand and manage processes of transformation and development in the world of work, within businesses (industrial, service and public sector organisations), institutions and local communities, from the perspective of sustainable and inclusive innovation.

The **research and training approach** is characterised by:

1. Multidisciplinarity, the use of qualitative and quantitative research methodologies, and a comparative and international perspective.
2. Integration with the production system and with the local area's social and economic stakeholders.

The research areas are consistent with the major research and innovation areas identified by Horizon Europe and the National Research Programme 2021–2027.

The LSI PhD Programme promotes synergies with other PhD programmes within the E4E Doctoral School (Engineering for Economics – Economics for Engineering), namely the “Enzo Ferrari” PhD Programme in Industrial and Territorial Engineering, the PhD Programme in Information and

Communication Technologies, the PhD Programme in Industrial Innovation Engineering, and the PhD Programme in Civil, Environmental and Materials Engineering.

Such synergies are developed through training activities focusing on key technologies and technological trajectories in smart manufacturing, as well as through joint training activities, seminars and research projDC, also in collaboration with companies and other institutions.

The topics covered by the LSI PhD Programme fall within the following main courses:

1. **Labour Economics**
   Course Coordinator: Prof. Fabrizio Patriarca – fabrizio.patriarca@unimore.it

2. **Innovation management and research valorisation**
   Course Coordinator: Prof. Bernardo Balboni – bernardo.balboni@unimore.it

3. **Financial Innovation, Sustainability and Value Creation**
   Course Coordinators:
   - Prof. Stefano Cosma – stefano.cosma@unimore.it,
   - Prof. Costanza Torricelli – costanza.torricelli@unimore.it

4. **Research Methods for Social Sciences**
   Course Coordinators:
   - Prof. Barbara Pistoresi – barbara.pistoresi@unimore.it
   - Prof. Maddalena Cavicchioli – maddalena.cavicchioli@unimore.it

5. **Employment, business and fundamental rights**
   Course Coordinator: Prof. Iacopo Senatori – iacopo.senatori@unimore.it

6. **Organization: theories and applications**
   Course Coordinators:
   - Prof. Ludovica Leone – ludovica.leone@unimore.it
   - Prof. Anna Chiara Scapolan – annachiara.scapolan@unimore.it

The core courses are supplemented and complemented by additional training activities aimed at fostering the development of specific skills required for each research project and promoting the acquisition of transferable skills.

ACADEMIC REGULATIONS

The award of the PhD degree is subject to the acquisition of 180[1] DC credits (60 per academic year), certified by a report summarising the activities carried out, prepared by the PhD candidate and accompanied by an assessment signed by the supervisor, and to the successful defence of the PhD thesis before a duly appointed examination committee.

The Examination Committee responsible for awarding the PhD degree shall issue a final assessment taking into account the activities carried out by the PhD candidate throughout the three-year programme.

A. ACTIVITIES ELIGIBLE FOR THE AWARD OF CREDITS:

1. Participation **in PhD courses, seminars, workshops and conferences**.
   For compulsory courses, the award of credits is subject to passing a final assessment.
   For seminars, workshops and conferences, credits are awarded upon attendance, as certified by attendance records.
   Participation in courses, seminars, workshops and conferences organised by other external bodies or institutions must be agreed upon in advance with the supervisor. Credits may only be awarded where participation is duly documented by a certificate of attendance;

2. **Research activities (thesis)**: Design, development and defence of the PhD thesis on an agreed research topic, under the guidance and support of the academic supervisor.
   Research periods abroad of at least three months are strongly encouraged.

3. **Research activities (other):** Publication of scientific contributions; participation in research projDC and research groups; editorial activities for academic journals and book series; support for the organisation of national and international conferences and seminars, subject to prior approval by the academic supervisor.

4. **Teaching activities:** Teaching in undergraduate and Master's degree programmes; tutoring and supervision of undergraduate and Master's students; participation in examination boards; presentations and contributions at specific seminars reserved for PhD candidates and aimed at presenting the results of their research activities.

5. **Practical experience** (internship): Internships at external organisations or within the PhD Programme itself. In the latter case, activities may include collaboration in the scientific and organisational aspDC of various initiatives, such as conferences and publications, as well as applied research activities.

[1] 1 DC = 25 hours of total workload (lectures and individual study).

Internships, particularly those carried out under an Higher Apprenticeship contract *(Alto Apprendistato),* may, depending on their specific characteristics as defined in the individual training plan and on any external sponsorship of the scholarship, account for part of the other training activities and the corresponding credits, with the exception of compulsory credits.

Admission to the following academic year

The admission to the following academic year is subject to:

- The acquisition of the credits required for the relevant academic year within the established deadlines (60 doctoral credits by the end of the first year and 120 doctoral credits by the end of the second year). This must be certified by a report summarising the activities carried out, prepared by the PhD candidate and accompanied by an assessment signed by the supervisor.

- Approval by the Academic Council of the progress made on the thesis project at the end of the first and second years, for the purpose of admission to the following academic year.

- Research progress presentations: Throughout the three-year programme, four meetings are scheduled to assess the progress of PhD candidates' thesis project:
  a. **October (no later than early November) of the first year:** Presentation of at least one-third of the thesis project: submission of an extended abstract (Word document, minimum 3,500 words) covering the following aspects:
     - Literature review;
     - Research question and research design;
     - References;
     - A work plan discussed with the supervisor, including periods of mobility for study and research in Italy and abroad at institutions other than the host PhD Programme, as well as a plan for conference participation.

  b. **June/July of the second year:** Presentation of the completed first third (1/3) of the thesis and submission of an extended abstract (Word document, minimum 3,500 words) covering the second part of the thesis and addressing the following aspects:
     - Literature review;
     - Research question and research design;
     - References;
     - A work plan discussed with the supervisor, including periods of mobility for study and research in Italy and abroad at institutions other than the host PhD Programme, as well as a plan for conference participation.

c. **June/July of the third year:** Presentation of the completed first two-thirds (2/3) of the thesis and submission of an extended abstract (Word document, minimum 3,500 words) covering the third part of the thesis and addressing the following aspects:
   - Literature review;
   - Research question and research design;
   - References;
   - A work plan discussed with the supervisor, including a plan for conference participation.

d. **September/October of the third year** (if requested by the supervisor): Presentation of the completed thesis.

The supervisor shall appoint a discussant who, in their capacity as an expert, will provide advice, comments and suggestions on the work presented and issue an assessment focusing, in particular, on the research questions, methodology adopted and results obtained, relevant literature, and theoretical and practical implications.
The discussant's assessment is one of the elements taken into consideration when evaluating the activities carried out by the PhD candidate.

Criteria for the selection of discussants:

- Tenured academics at Italian or international universities;
- Fixed-term researchers (Type A or Type B) and tenure-track researchers;
- Research fellows (assegnisti di ricerca) with at least two years of experience (which need not be consecutive) to assess first-year PhD candidates, and at least one year of experience to assess second- and third-year PhD candidates;
- Members of the Academic Board are preferred.

Research periods abroad for study and/or research purposes are strongly encouraged, subject to the maintenance of satisfactory academic performance and the favourable assessment of the Academic Board, which shall evaluate their consistency with the individual training plan.
Further information is available at:
https://www.phdlavorosviluppoinnovazione.unimore.it/partner/rapporti-internazionali/

B. DISTRIBUTION OF CREDIT-BEARING ACTIVITIES BY YEAR OF THE PHD PROGRAMME:

1st year – 60 doctoral credits (1 DC = 6 hours)

Activity	DC credits
Research activities (thesis)	30
Compulsory courses	21
Seminars and other training activities	9

9 DC allocated to seminars and other training activities agreed upon with the supervisor, such as:

- Seminars/workshops on transferable skills and research skills (see the SEMINAR PROGRAMME section at the end of this document);
- Additional training activities outside the regular curriculum, e.g. seasonal schools and methodology courses;
- Academic conferences;
- Support for departmental research activities, seminars and dissemination activities;
- Teaching and tutoring activities.

2nd year – 60 DC credits (1 DC credit = 6 hours)

Activity	DC credits
Research activities (thesis)	45
Seminars and other training activities	15

15 DC allocated to seminars and other training activities agreed upon with the supervisor, such as:

- Seminars/workshops on transferable skills and research skills (see the SEMINAR PROGRAMME section at the end of this document);
- Additional training activities outside the regular curriculum, e.g. seasonal schools and methodology courses;
- Academic conferences;
- Support for departmental research activities, seminars and dissemination activities;
- Teaching and tutoring activities.

3rd year – 60 DC credits (1 DC credit = 6 hours)

Activity	DC credits
Research activities (thesis)	45
Seminars and other training activities	15

15 DC allocated to seminars and other training activities agreed upon with the supervisor, such as:

- Seminars/workshops on transferable skills and research skills (see the SEMINAR PROGRAMME section at the end of this document);
- Additional training activities outside the regular curriculum, e.g. seasonal schools and methodology courses;
- Academic conferences;
- Support for departmental research activities, seminars and dissemination activities;
- Teaching and tutoring activities.

Please note that, pursuant to Article 7, paragraph 3, of the Regulations governing PhD programmes at the University of Modena and Reggio Emilia, admission to a PhD Programme entails a full-time and exclusive commitment.
The performance of work activities compatible with the successful completion of the PhD Programme's training, teaching and research activities is nevertheless subject to prior authorisation by the Academic Board.
Failure to acquire the required credits within the established deadlines shall result in exclusion from the PhD Programme.

Notes:

1. PhD candidates may also participate in specialised and/or methodology-focused training initiatives shared by several PhD programmes, including those organised by informal coordination bodies or sponsored by academic associations.
2. Requests for authorisation: please refer to the guidelines for the granting of authorisations.

PhD Programme under the Higher Apprenticeship Scheme (Alto Apprendistato)
PhD candidates enrolled in this type of programme may, subject to agreement with their supervisor and exclusively with regard to compulsory courses and seminars, arrange for attendance requirements to be distributed over two or three years for the purpose of earning the relevant credits.

REQUIRED ATTENDANCE RATE

- Courses: attendance of at least 80% of the total hours of each course is compulsory.
- Seminars: 100% attendance is compulsory. If a PhD candidate is unable to attend one or more seminars, a justification must be submitted at least three days before the event.

Absences may also be made up to a maximum of 20%, subject to prior notification to the PhD Programme Secretariat and agreement on a make-up plan with the supervisor.

COMPULSORY COURSES
1ST YEAR – 41ST CYCLE

Course Title	Credits	No. Hours
Academic discourse in English	3	18
Research Methods for the Social Sciences	3	18
Employment, business and fundamental rights	3	18
Labour Economics	3	18
Organization: theories and applications (including Visiting Professor)	2	12
Innovation management and research valorisation	2	12
Financial Innovation, Sustainability, and Value Creation	2	12
At least 3 credits (18 hours) to be chosen from the following options:		
Social media and visual studies methodologies	1,5	9
European and International Labour Law (Legal Research, Visiting Professor)	3	18
Research Methods for the social sciences (qualitative Methods)	1,5	9
Policy Impact Evaluation (ENG)	1,5	9

TRAINING PROGRAMME

The PhD Programme's structured teaching activities are divided into two components: a compulsory component, comprising courses, workshops and seminars organised by the PhD Programme, and an elective component, including courses, seminars, workshops and conferences, which may also be offered by external institutions.

The compulsory courses and other teaching activities serve a dual purpose: to establish a common baseline of knowledge among PhD candidates, whose academic backgrounds span different disciplines, and to provide an up-to-date overview of the research perspectives and methodologies specific to the disciplines represented within the PhD Programme.

The elective activities, to be agreed upon with the supervisor, are intended to provide further analytical and methodological insights relevant to PhD candidates' individual research projects and to support academic staff in their ongoing research projects.

The PhD Programme's seminars, focus on the research areas of particular relevance to the Programme, with an emphasis on an interdisciplinary approach.

The compulsory training programme also includes transferable skills training activities, as provided for under Article 4, paragraph 1, letter f), of Ministerial Decree No. 226/2021. These activities cover research management, knowledge of research systems and funding schemes, the exploitation of research results, and intellectual property.

COMPULSORY COURSES

LABOR ECONOMICS

Course Coordinator: Prof. Fabrizio Patriarca
Lecturers: Marcello Morciano, Chiara Strozzi, Fabrizio Patriarca, Tindara Addabbo, Alberto Rinaldi and Edoardo Santoni
Credits (DC): 3
Language of instruction: English

The course consists of 7 modules of two lectures each held on the same day, 5 of which are mandatory for everyone. One (introductory) module is optional for those who have previously taken a labor economics course. One (advanced) module is optional for those who have not previously taken a labor economics course.

Optional Introductory Module

- **Labor Supply** (Prof. Francesca Pancotto) Labor market indicators. Labor supply. The individual model of labor supply. Reservation wage and effects of wage increases or non-labor income. Experimental economics applied to the labor market.

Mandatory Modules

- **Labor Demand in Competitive Markets and Wage Discrimination** (Prof. Tindara Addabbo) From the individual model to the family model of labor supply. Overview of labor demand in perfect competition. Heterogeneity of labor demand. Wage discrimination: models based on perfect competition (taste-based discrimination theory and statistical discrimination). Experimental and statistical/econometric measurement.

- **Discrimination, Minimum Wage, and Collective Bargaining** (Prof. Marcello Morciano) The module begins by analyzing the theoretical and empirical aspects of discrimination in the labor market, highlighting how prejudices and disparities affect employment opportunities and wages. Subsequently, it examines the impact of anti-discrimination policies and the minimum wage on employment outcomes and income distribution, with particular attention to the associated measurement methods. Finally, it explores the role of collective bargaining in mitigating wage inequalities and stimulating inclusive growth, as well as the relevance of its spillover effects.

- **Human Capital and Technological Change** (Prof. Fabrizio Patriarca) The module introduces the general definitional, theoretical, and empirical aspects of human capital. After defining and exploring the concept of human capital and the approaches to measuring it, it considers models of educational choice and their relationship with the distribution of labor income, the role of talent and background, and educational institutions and policies. Finally, it analyzes the relationship between technological change and the labor market.

- **History of Production Models** (Prof. Alberto Rinaldi) The module covers the main organizational models of work from the birth of industrial society to the present day: 1) the factory of the First Industrial Revolution; 2) Taylor-Fordism and mass production; 3) beyond Taylor-Fordism: work in the age of lean production, globalization, and the digital revolution.

- **Migration and the Labor Market** (Prof. Chiara Strozzi) The module analyzes the impact of immigration on the labor market, focusing on the effects on the wages and employment of native workers. Through theoretical and empirical analysis, it will show the implications of cases where immigrants and natives are either substitutes or complements in the production process. It will distinguish between the short-term and long-term effects of immigration, considering the limitations of the reference models and empirical analyses, with attention also given to the role of natural experiments.

Optional Advanced Module

- **The Evaluation of the Jobs Act** (Dr. Santoni) The module addresses the effects of employment incentives and changes in employment protection legislation. First, the basic elements for theoretical analysis are provided. Subsequently, the empirical literature on the case study is examined from both policy and methodological perspectives, also referencing the tools provided in the evaluation course.

The course includes a final assessment consisting of a term paper written in groups of 2–3 Ph.D. students on one of the topics presented in the course, with the corresponding lecturer acting as tutor.

ACADEMIC DISCOURSE IN ENGLISH

Course Coordinator: Prof.ssa Donatella Malavasi
Lecturers: Prof.ssa Donatella Malavasi, Dott.ssa Jessica Jane Nocella e Dott. Federico Zaupa
Credits (DC): 3
Language of instruction: English

Contents and objectives

The course aims to equip PhD students with the skills to understand and write academic texts. The first part of the course will concentrate on academic written discourse. In particular, research articles will be analysed in their textual structure and formal properties in order to improve PhD students' competence in academic writing. The second part of the course will focus on academic spoken discourse and more specifically on presentations.

Teaching arrangements

The course consists of a series of lectures intended to develop PhD students' reading, writing, and speaking skills in academic contexts. PhD students are encouraged to attend lessons and take an active part in class discussions and activities.

Assessment rules

In-class tests and a presentation

Module	Topic	Lecturer	Hours
1	Academic Discourse and its features	Dott. Federico Zaupa Prof.ssa Donatella Malavasi (UniMoRe)	4
2	Academic discourse: how to write research articles (I)	Prof.ssa Donatella Malavasi (UniMoRe)	4
3	Academic discourse: how to write research articles (II) + presentations		4
4	AI and academic discourse	Dott. Federico Zaupa Prof.ssa Donatella Malavasi (UniMoRe)	3
5	Presentations	Dott.ssa Jessica Jane Nocella Prof.ssa Donatella Malavasi (UniMoRe)	3

EMPLOYMENT, BUSINESS AND FUNDAMENTAL RIGHTS

Course coordinator: Prof. Iacopo Senatori

Lecturers: Prof. Edoardo Ales, Prof. Francesco Basenghi, Prof. Maria Barberio, Prof. Alberto Levi, Dr. Ilaria Purificato, Prof. Simone Scagliarini, Prof. Iacopo Senatori, Prof. Alberto Tampieri.

Credits: 3

Language of instruction: Italian

Course Structure

The course comprises a core programme (6 ECTS credits) and an advanced programme (3 ECTS credits).

Each doctoral student will choose 18 mandatory hours from the two pathways, as follows:

Pathway 1, introductory: modules 1–6 (18 hours in total)

Pathway 2, advanced: three modules chosen from modules 1–6 (9 hours in total) + modules 7–10 (9 hours in total)

Content, Learning Outcomes and Teaching Methods

The introductory programme examines key concepts and institutions in the legal regulation of work in business. It is taught through interactive lectures that encourage doctoral students to participate actively.

The aim is to provide learning and methodological tools accessible even to students without a background in law, while rigorously examining academic debate, case law and the regulatory solutions provided by legislation and collective bargaining.

By the end of the course, students will be able to assess the institutions studied critically, identify their rationale and place within the legal system, and relate them to one another in terms of their similarities and differences. Students will also gain a command of the concepts, categories and system of legal sources needed to develop original research projects or, for doctoral students without a legal background, at least to situate their own perspective within their studies. Finally, students will acquire the specialist vocabulary needed to discuss the course topics accurately, both orally and in writing.

The advanced programme examines the rules governing employment in public administrations from a systematic and practical perspective. Teaching will take the form of interactive lectures, supplemented by guided analysis of statutory and contractual sources, case law and practical cases.

Course dates: February–March 2027

Recommended Reading: The lecturers will indicate the reading materials on the course Moodle pages.

CORE PROGRAMME

Module	Topic	Lecturer	Hours
1	Employment in the Constitution	Prof. Simone Scagliarini (UniMoRe)	3
2	Subordination, self-employment and the classification of employment relationships	Prof. Francesco Basenghi (UniMoRe)	3
3	Trade union rights, collective bargaining and worker participation	Prof. Iacopo Senatori (UniMoRe)	3
4	The managerial prerogatives	Prof. Alberto Levi (UniMoRe)	3
5	Flexibility in types of employment and in the performance of work	Dr. Ilaria Purificato (UniMoRe)	3
6	Termination of the employment relationship	Prof. Alberto Tampieri (UniMoRe)	3

ADVANCED PROGRAMME

Module	Topic	Lecturer	Hours
7	Principles of Legislative Decree No. 165/2001: the shift to private-law employment, the distinction between political and administrative direction and management, and the division of responsibilities between statutory and collectively agreed rules	Prof. Edoardo Ales (Parthenope University of Naples)	2
8	Recruitment: constitutional principles governing access, workforce planning, selection procedures and career progression, including performance appraisal	Prof. Maria Barberio (UniMoRe)	3
9	Dismissal of public employees: substantive grounds, procedural safeguards and remedies	Prof. Alberto Tampieri (UniMoRe)	2
10	Collective bargaining, forms of participation and trade union rights in public employment, including the system of labour relations	Dr. Ilaria Purificato (UniMoRe)	2

RESEARCH METHODS

Course coordinators: Prof. Barbara Pistoresi and Prof. Maddalena Cavicchioli

Lecturers: Prof. Silvia Montagna, Prof. Silvia Muzzioli, Prof. Barbara Pistoresi, Dott. Fabio Demaria, Dott. Filippo Ferrarini, Dott. Luca Gambarelli, Dott.ssa Erica Poma

Credits: 3

Language of instruction: Italian/English

Contents and objectives

The course aims to offer students some statistical and econometric tools commonly used in social sciences.

Assessment rules

The final assessment will evaluated by March 2027.

Period of implementation

The course will tentatively take place between January and February 2027.

Textbooks

- J.H. Stock - M.W. Watson, Introduction to econometrics, (6th edition), Pearson
- Newbold P., Carlson W. e Thorne B. (2021) Statistics (9th edition), Pearson
- Joseph F Hair, Barry J. Babin, Rolph E. Anderson, William C. Black, Multivariate Data Analysis (8th edition), Cengage, 2018.
- Von Altrock, Constantin. Fuzzy logic and neurofuzzy applications in business and finance. Upper Saddle River: Prentice ball PTR, 1997.
- Academic papers, handouts and slides will be suggested during the course.

PROGRAMME

The PhD student will select from the following modules for a total of 18 mandatory hours (3 DC)

Module	Topics	Instructor	Hours
1	Probabilistic and non-probabilistic sampling methods and weighting techniques. Applications with Excel and PSPP/SPSS.	Dott. Fabio Demaria (UniMoRe)	3
2	Introduction to statistics and data analysis. Data matrix and numerical and graphical data description. Probability distributions and sampling distribution. Applications using Excel and PSPP/SPSS.	Prof.ssa Silvia Montagna (UniMoRe)	3

3	Estimation issues, confidence intervals, and hypothesis testing for population means and difference of means between two populations. Introduction to one-way ANOVA. Applications using Excel and PSPP/SPSS.	Prof.ssa Silvia Montagna (UniMoRe)	3
4	Analyzing relationships between variables: simple and multiple linear regression models. Applications using PSPP/SPSS.	Prof.ssa Barbara Pistoresi (UniMoRe)	3
5	Non-linear regression models (polynomials, interactions, logs). Applications using PSPP/SPSS.	Prof.ssa Barbara Pistoresi (UniMoRe)	3
6	Regression models: mediation and moderation. Applications using PSPP/SPSS.	Dott. Filippo Ferrarini e Dott.ssa Erica Poma (UniMoRe)	3
7	Regression model with binary dependent variable: the logit model. Applications using PSPP/SPSS.	Dott. Fabio Demaria (UniMoRe)	3
8	Multilevel regression. Applications using STATA.	Dott.ssa Erica Poma (UniMoRe)	3
9	Factor analysis and principal component analysis. Applications with Excel and PSPP/SPSS.	Dott. Fabio Demaria (UniMoRe)	3
10	Fuzzy sets and numbers: definitions and operations. Fuzzy regression. Economic and financial examples.	Prof.ssa Silvia Muzzioli (UniMoRe)	3
11	Fuzzy inference systems: if-then rules, input fuzzification, and output defuzzification. Economic and financial examples.	Prof.ssa Silvia Muzzioli (UniMoRe)	3
12	Applications of fuzzy regression and fuzzy inference systems.	Prof.ssa Silvia Muzzioli (Codocenza Dott. Luca Gambarelli) (UniMoRe)	3
13	Multi-Criteria Decision-Making Methods: TOPSIS, VIKOR. Ranking alternatives based on ESG criteria. Introduction to Machine Learning: supervised and unsupervised, classification, and regression.	Prof.ssa Silvia Muzzioli (Codocenza Dott. Luca Gambarelli) (UniMoRe)	3

PhD students must choose topics for a total of 18 hours (corresponding to 3 ECTS).

We suggest that those who do not have entry-level data analysis skills (e.g. law students) take modules 2+3+4 and then add modules in order to compose their preparation according to their research interests.

The modules will be activated if a minimum number of participants is reached.

ORGANIZATION:
THEORIES AND APPLICATIONS

Course Coordinators: Prof. Ludovica Leone and Prof. Anna Chiara Scapolan
Lecturers: Prof. Xavier Castañer, Ludovica Leone, Massimo Neri, Anna Chiara Scapolan
Credits: 2
Language of instruction: Italian/English

Learning Objectives
The course discusses some of the main theoretical contributions underpinning organizational theory, organization studies, organizational behavior, and human resource management.
By the end of the course, Ph.D candidates will be able to:

1. Identify the main organizational theories, their key authors, and their underlying epistemological perspectives
2. Understand the origins of theoretical debates and how they are addressed empirically
3. Identify ways to apply organizational theories to current research topics
4. Apply organizational theory to an original research idea

PROGRAM AND CONTENT

Session 1 – Epistemological foundations of organization theories
Massimo Neri (2 hours)

Session 2 – Classical theories of the organization and contingency theory: an application to human resource management
Anna Chiara Scapolan (2 hours)

Session 3 – Cognitive and phenomenological approaches: an application to the interpretive study of organizational improvisation
Ludovica Leone (2 hours)

Session 4 – Behavioral theory of the firm, information-processing theory, and theories of learning, evolution, attention, and adaptation
Xavier Castañer (3 hours)

Session 5 – Embeddedness and social network theory: How organizations are affected by their social ties and how they can use them
Xavier Castañer (3 hours)

Teaching methods
The course is designed for in-person delivery and attendance. Active participation in class discussions is essential to its success.
For each session, the lecturer will assign few required readings one week in advance, which will serve as the basis for class discussion. Candidates are expected to prepare questions for clarification or comments on the assigned reading, to be addressed during the session. The aim is

to develop a contribution that goes beyond “I liked this article” or “I did not like it” (although these reactions are relevant and deserve consideration) and to formulate questions and comments that stimulate class discussion.

To support this preparation, lecturers may provide guidance on how to approach the assigned reading.

Assessment
Within two weeks of the end of the course, each student must individually prepare a brief, original research proposal in the form of an extended abstract, applying one of the approaches discussed in class to a research topic of their choice. The extended abstract must be submitted by email, to the course coordinators.

SCHEDULE
Classes will take place indicatively in April 2027.

INNOVATION MANAGEMENT AND RESEARCH VALORISATION

Course coordinators: Prof. Bernardo Balboni

Lecturers: prof. Bernardo Balboni, prof. Gianluca Marchi, prof.ssa Federica Rossi, dott.ssa Giulia Tagliazucchi.

Credits: 2

Language of instruction: Italian

Course Content and Learning Objectives

The course provides doctoral students with theoretical and practical tools to understand innovation processes and develop pathways for research valorisation. It explores how scientific knowledge can be translated into applications, entrepreneurial opportunities, and economic and societal benefits.

The course comprises four three-hour modules: (1) Innovation Processes and Strategies; (2) Research Valorisation and Business Model Development; (3) Academic Entrepreneurship; and (4) Research Ecosystems and Impact. These modules address the management of innovation, the identification of potential users and applications of research, the development of value propositions and business models, and the opportunities and challenges associated with academic entrepreneurship. Particular attention is paid to the role of collaboration, support organisations, and innovation policies in enabling research uptake and impact.

By the end of the course, students will be able to critically analyse innovation processes, identify and assess alternative pathways for research valorisation, and articulate the resources, partnerships, and validation activities required to pursue them.

Module	Title	Main Contents	Duration
1	**Innovation Processes and Strategies** (Gianluca Marchi)	Relationships between research and innovation; types and models of innovation processes; managing uncertainty and learning; knowledge exploration and exploitation; innovation strategies and collaboration with external partners.	3 hours
2	**Research Valorisation and Business Model Development** (Bernardo Balboni)	Research process and innovation process; Identifying potential users, needs, and applications; developing a business model around research proposal	3 hours

3	**Academic Entrepreneurship** (Giulia Tagliazucchi)	Characteristics of research-based ventures; moving from a research project to an entrepreneurial initiative; team formation and complementary skills; university relationships and intellectual property;	3 hours
4	**Research Ecosystems and Impact** (Federica Rossi)	Roles of universities, firms, public institutions, and intermediaries; networks and support mechanisms for research valorisation; innovation policies; stakeholder engagement and research uptake; pathways to economic and societal impact and approaches to its assessment.	3 hours
	Total		**12 hours**

Teaching Methods

The course combines lectures, delivered in person and via live streaming, with critical discussions of scientific articles, case studies, and practical exercises. Theoretical frameworks are connected to examples of research valorisation, encouraging students to examine their strategic, organisational, and societal implications.

Students will be invited to apply the concepts to their own research projects or to an agreed case, progressively identifying potential users, value propositions, valorisation pathways, and expected impacts. Active participation and interdisciplinary discussion will be encouraged throughout the course.

Assessment Methods

The course will be assessed by means of a working paper (about 7,000 words) on topics relating to innovation management or research valorisation – either a reasoned systematic or scoping literature review, a case study or an empirical investigation. The research question and methodology will be agreed with the thesis supervisor.

- The working paper can be authored individually or in groups of maximum two students.
- Deadline for completion of working paper: 20 October 2027
- Presentation of the working paper: early November 2027, date tbc

Further instructions for the preparation of the working papers will be provided during the course.

Reading list

Readings will be confirmed by the course lecturers before the start of the course.

FINANCIAL INNOVATION, SUSTAINABILITY AND VALUE CREATION

Course coordinators: Prof. Stefano Cosma, Costanza Torricelli

Lecturers: Beatrice Bertelli, Stefano Cosma, Luca Gambarelli, Daniela Pennetta, Giuseppe Rimo.
Credits: 2 DC (12 hours) 1 credit for Module A and 1 credit for Module B

Language of instruction: Italian

Contenuti e obiettivi formativi
The course aims to:

1. provide participants with the key principles and concepts of sustainable finance and social finance;
2. provide participants with the tools to assess social value creation and combine financial innovation with sustainability, highlighting the role of financial intermediaries.

Upon completion of the course, students will be able to:

a) understand the potential of sustainable finance, new social finance instruments and their impact on employment and welfare;
b) understand the concepts of economic rationality and value creation, also in relation to their environmental and social sustainability;
c) combine financial innovation and the services provided by financial intermediaries with the needs of individuals and businesses from a social sustainability perspective.fornire ai partecipanti i principi e concetti chiave della finanza sostenibile e della finanza sociale
d) fornire ai partecipanti gli strumenti per valutare la creazione di valore sociale e coniugare l'innovazione finanziaria alla sostenibilità, valorizzando il ruolo degli intermediari finanziari

Teaching Methods
The course is divided into two independent modules (A and B) and three thematic areas:

- Sustainability and Finance (SF) (1 credits);
- Financial Innovation and Value Creation (IF + CV) (1 credits).
- Classes will be held in person.

Students may choose to attend Module A, Module B or both. Each module can be attended independently, as no prior knowledge is required.
Classes are expected to take place in June. The dates and times of individual classes will be communicated shortly before the beginning of the course.

Assessment Methods
SF area: Critical analysis of one of the articles proposed on the topic (maximum 7,000 characters).

CV + IF area: Oral discussion on topics of interest to the student, selected from among those covered during the course.

Area	Topics	Lecturer	Hours
	MODULE A		
S	Introduction to sustainable finance: origins, definition and cross-disciplinary nature; instruments, markets and main stakeholders.	Costanza Torricelli Università di Modena and Reggio Emilia	4,5
S	Focus on social finance: objectives, savings and instruments. Social impact savings: designing a survey. Social finance instruments: social bonds and social impact bonds for employment and welfare.	Costanza Torricelli and Beatrice Bertelli Università di Modena e Reggio Emilia	4,5
	MODULE B		
CV	The concept of value in corporate finance. Value creation and social value creation. Financial innovation and sustainability: new financial intermediaries and new processes; cooperative strategies for greater financial inclusion.	Stefano Cosma, Daniela Pennetta e Luca Gambarelli Giuseppe Rimo Università di Modena e Reggio Emilia	3
IF	Finance and biodiversity: the research agenda and the substantive nature of contributions. Methodological approach to analysis and the value generated.	Stefano Cosma, Daniela Pennetta e Luca Gambarelli Giuseppe Rimo Università di Modena e Reggio Emilia	3
IF	Finance and its contribution to sustainability: the case of medical research funding. An interdisciplinary approach to problem-solving.	Stefano Cosma, Daniela Pennetta e Luca Gambarelli Giuseppe Rimo Università di Modena e Reggio Emilia	3

ELECTIVE COURSES

At least 3 doctoral credits (18 hours)

* Please send the list of selected courses to the PhD Programme Secretariat **by 18 December at the latest**.

EUROPEAN AND INTERNATIONAL LABOUR LAW

Lecturer: Prof. Rüdiger Krause, University of Göttingen
Language of instruction: English
Course period: March 2027

Description
The course shall focus on imparting knowledge of European and international labour law (fundamentals; freedom of movement for workers and protection of fundamental rights; legislative powers; protection against discrimination; working time and holiday entitlement; precarious employment relationships; restructuring, international jurisdiction and conflict of laws, posting law, etc.) and, on the other hand, learning how to apply the knowledge acquired in specific cases.

Target Students
The module is primarily addressed to students enrolled in the Master's Degree Programme in Employment Relations and may also be attended by students enrolled in the Master's Degree *Programme in Labour, Development and Innovation.*
Doctoral students may choose, in consultation with their supervisor, which classes to attend in order to earn at least 3 ECTS credits.

Structure in detail
- Fundamentals of European labour law
- Free movement of workers and fundamental rights
- Legislative powers of the EU and role of social partners
- Equality/Protection against discrimination:
- Fundamentals and prohibition of discrimination on grounds of sex
- Prohibition of discrimination on other grounds
- Working Conditions Directive, employee data protection (GDPR) and whistleblowing
- Occupational health and safety, working time and annual leave
- Work-life-balance-regulations; precarious employment relationships:
- Fixed-Term Work Directive and Temporary Agency Work Directive
- Platform Work Directive
- Corporate crisis and restructuring:
- Mass Redundancy Directive and Insolvency Protection Directive
- Transfer of undertaking
- Information and consultation:
- Fundamentals, framework directive and European Works Council Directive
- Corporate Sustainability Reporting Directive (CSRD) and Corporate Sustainability Due Diligence (CSDDD) (with a focus on labour-related issues)
- Artificial Intelligence Act (with a focus on labour-related issues)
- Posting of workers and collective actions

Teaching style
Presentation of fundamental aspects using PowerPoint slides;
Discussion with students about the different interests and socio-economic background of the law;
Teaching the knowledge needed to argue legally and apply the law strategically: both skills constitute a key competence for corporate legal professionals, HR managers and trade union officials, especially when operating in international and cross-border environments.

Duration in hours: 24 hours (6x4)

SOCIAL MEDIA AND VISUAL STUDIES METHODOLOGIES

Course Coordinator: Nicola M. Dusi, Chiara Strozzi
Lecturers: N. Dusi, G. Tagliani, M.D. Mareggini
Credits: 1.5
Language of instruction: Italian/English

Course Content and Learning Objectives

The workshop introduces qualitative methodological approaches, combining theoretical perspectives with extensive analyses of media products. It presents research in visual and media studies, as well as film archives, with particular reference to the archive of Cesare Zavattini (Panizzi Library, Reggio Emilia) and the Short on Work Festival archive (Fondazione Marco Biagi).

The workshop focuses on media products addressing the representation of work and industry, exploring narrative approaches and communication strategies through semiotic, sociological, aesthetic and historical perspectives.

Teaching methods: Lectures and seminars

- N. Dusi: La prospettiva sociosemiotica: lavoro, narratività e catastrofi tra cinema e serialità televisiva
- M.D. Mareggini: Dagli archivi ai film: donne e lavoro
- G. Tagliani: Archivi audiovisivi industriali. Fotogenia del mondo materiale e visualizzazione dei processi lavorativi

Assessment methods: Attendance at all classes is compulsory

For the final assessment, students will be required to present a short written paper to the class on a date following the end of the lectures. The topic will be agreed upon with the lecturers during the workshop and will involve a multidisciplinary analysis of relevant media products.

Additional articles and books in Italian and English will be suggested at the beginning of the seminar. PhD students will be required to read some of the following materials in preparation for their final paper (only the articles will be available on Moodle at the beginning of the classes):

Books

- Dusi N. (2014), Dal cinema ai media digitali. Logiche del sensibile tra corpi, oggetti, passioni, Milano, Mimesis,.
- Dusi N., Lacalle C., eds. (2024), Chernobyl Calling. Narrative, Intermediality and Cultural Memory of A Docu-Fiction, PUNCTUM, online (open access).
- Eugeni R. (2015), La condizione postmediale. Media, linguaggi e narrazioni, Milano, La Scuola.
- Hediger V., Hoof F., Zimmermann Y., Scott A., eds. (2024), Films That Work Harder The Circulation of Industrial Film, Amsterdam University Press, Routledge.
- Mareggini M.D., Il lavoro dell'essere donna. Lo sguardo di Zavattini, Milano University Press, 2026.

Scientific articles

- Capalbi A., Piscitelli G. (2020), “Faccio dunque sono? Trasformazioni del lavoro e dell’identità di genere nelle rappresentazioni audiovisive di Short on Work”, Sociologia del lavoro. 156, pp. 197-213.
- Cavallotti D., Dotto S., Malvezzi J., Peretti L., a cura di (2022), “Media-Impresa Discorsi e pratiche cinematografiche e mediali nella cultura industriale”, Cinema e Storia, 2022.
- Dusi N. (2020), “Lavorare stanca, ma filmarlo?”, Segnocinema, n. 226, pp. 8-10.
- Dusi N., Capalbi A, Mareggini M. D., Salvador M., (2021), “A Website for Cesare Zavattini’s Works. Digitizing and Dynamizing a Personal Audiovisual Archive”, Cinergie, n. 20, pp. 85-95.
- Mareggini M.D. (2024), “Il collettivo e l’individualità sul posto di lavoro. Il caso di Tutta la vita davanti”, E|C, (41), 25-33.

Course schedule:

Three lessons, from mid-May to early June 2027

POLICY IMPACT EVALUATION

Course Coordinator: Giovanni Gallo

Lecturers: Cosimo Beverelli, Giovanni Gallo, Marcello Morciano

Credits: 1.5

Language of instruction: English

Course Content and Learning Objectives

The module introduces participants to the main methods for evaluating the effects of policies on the populations concerned. Policy impacts are understood as the difference between the outcomes observed following the implementation of a policy and the outcomes that would have occurred in its absence (the counterfactual).

The module combines theoretical foundations, an introduction to widely used evaluation methods and empirical applications, and practical activities based on the development and discussion of case studies. Participants will learn to understand the principles of causal inference, critically assess impact evaluation methods, and apply these methods to the evaluation of existing policies.

Programme

The module covers three main areas:

1. **Theoretical foundations:** the concept of causality, visual representations of causal effects, and the potential outcomes framework.
2. **Evaluation methods and empirical applications:** an introduction to the main methods for policy impact evaluation, including randomised controlled trials and the difference-in-differences approach, with particular attention to addressing selection bias.
3. **Case studies:** each participant will develop a case study focusing on the impact evaluation of an existing policy and present it for collective discussion in class.

Teaching Methods

The module will be delivered through face-to-face lectures covering both theoretical concepts and empirical applications, complemented by participants' presentations and discussion of their case studies. Active participation is expected throughout the module.

All teaching materials and additional resources will be made available through the dedicated Moodle platform. The module will be taught in English.

Assessment Methods

Assessment will be based on the quality of each participant's case study presentation, taking into account clarity of presentation, understanding of the methods covered in the module, and the ability to critically assess methodological choices and findings.

Course Timing

The module will take place after the Labour Economics course.

Recommended Reading

Angrist, J. D., & Pischke, J.-S. (2015). *Mastering 'Metrics: The Path from Cause to Effect.*

Cunningham, S. (2018). *Causal Inference: The Mixtape.* Yale University Press. Available online.

QUALITATIVE RESEARCH: THEORIES, TOOLS AND METHODS

Course Coordinator: Eleonora Costantini
Lecturers: Eleonora Costantini, Giulia Tagliazucchi
Credits: 1.5
Language of instruction: Italian/English

Course Content and Learning Objectives
The module is designed to provide an in-depth methodological introduction to qualitative research. It will begin with an overview of the fundamental assumptions underlying a qualitative research approach, with the aim of establishing a common knowledge base among participants.
The module will then explore the main data collection methods (interviews, focus groups and document analysis) and the main analytical techniques (thematic analysis, coding and discourse analysis).

Throughout the module, attention will also be given to the ethical issues involved in qualitative research and to effective ways of communicating research findings.
Practical activities will be included in the sessions, making use of participants' individual research projects.

Finally, relevant bibliographical references will be provided to support further study.

Modulo	Topics	Hours
1	What is qualitative research? How to design a qualitative research plan. In-depth focus: case study selection.	3
2	Qualitative research: data collection methods. Interviews; focus groups; participant observation; document analysis.	3
3	Qualitative research: analytical techniques. Thematic analysis; coding; discourse analysis; ethics and academic writing.	3

Teaching Methods
Alongside the theoretical discussion of the main topics covered in the module, practical examples of the application of the methods presented will be provided. Empirical studies and findings will also be used as a basis for discussion among participants.
The module will be delivered through face-to-face lectures supported by audiovisual materials, including PowerPoint presentations, and practical exercises carried out in small groups.

Assessment Methods

Assessment will take place throughout the module and will include the submission of a short final report. The report will focus on applying the tools and methods covered in the module to the participants' own research topics.

Additional Seminars and Workshops

ADDITIONAL SEMINARS/WORKSHOPS ON TRANSFERABLE AND RESEARCH SKILLS

n.	Description of the Activity (including access arrangements to infrastructures for National PhD Programmes)	Period
1.	Department of Economics Marco Biagi Seminars The research activities of the Department of Economics Marco Biagi cover several scientific areas, including economics, business and management, statistics, mathematics, history and law. The wide range of topics addressed in the Department's research activities is discussed during weekly seminars, which are held both in person and online. Several research fellows are involved in research projects carried out by the Department and its individual research centres. Information on the seminars held during the previous academic year is available at the following link: Department of Economics Marco Biagi – Seminars https://www.economia.unimore.it/it/ricerca/seminari	From November until May
2.	LSI PhD Candidates' Seminar Cycle This initiative is organised by the PhD candidates themselves with the aim of presenting and disseminating their research findings. These events provide an opportunity to share and discuss the research topics and findings developed by candidates up to that point in their doctoral studies. Each session involves the participation of a discussant (an invited academic), whose role is to read and critically discuss the research presented, providing comments and highlighting unclear points, potential weaknesses and any inconsistencies in the presentation. One or two sessions are scheduled each month, with PhD candidates from the different cycles taking turns in presenting their work. PhD Programme in Labour, Development and Innovation – https://www.phdlavorosviluppoinnovazione.unimore.it/	6 Seminars for the l'a.y. 2026-2027
3.	Research Management and Knowledge of European and International Research Systems – (approximately 14 hours) The Research, Technology Transfer and Third Mission Office of the University of Modena and Reggio Emilia (Unimore) organises an additional training course every year for PhD candidates and research fellows. The course consists of modular sessions, including asynchronous lectures and interactive live sessions.	The course must be attended once during the three-year PhD programme.

n.	Description of the Activity (including access arrangements to infrastructures for National PhD Programmes)	Period
	At the end of each asynchronous module, participants are required to complete an assessment questionnaire. The questionnaire can only be accessed after all video lectures have been viewed in full. The topics covered include: - Bibliographic databases and their advanced tools: Scopus, Web of Science and IRIS Unimore; - European research programmes and international opportunities for early-career researchers; - Third Mission and Public Engagement; - Technology transfer: methods and examples; - From Research to Innovation.	
4.	<u>Laboratorio – Revisione sistematica della letteratura: cosa, perché e come</u> – 4 ore Nel laboratorio in oggetto, saranno illustrati la revisione sistematica della letteratura e l'analisi bibliometrica, due approcci complementari per lo studio della produzione scientifica su una specifica tematica. La revisione sistematica consente di identificare, selezionare e analizzare con rigore scientifico la letteratura disponibile attraverso un processo trasparente, ben documentato e replicabile. L'analisi bibliometrica permette di esaminare le caratteristiche e l'evoluzione della produzione scientifica, individuando, ad esempio, autori, pubblicazioni e riviste di riferimento, reti di collaborazione e principali nuclei tematici. La rilevanza e la diffusione di questi approcci si spiegano alla luce del numero crescente di pubblicazioni accademiche e della conseguente difficoltà nel sistematizzare i risultati delle ricerche precedenti e identificare possibili sviluppi futuri. Nell'ambito del laboratorio, saranno discussi gli elementi chiave di una revisione sistematica della letteratura e le principali tecniche di analisi bibliometrica, fornendo una guida alla loro applicazione e integrazione. Particolare attenzione sarà dedicata alla definizione delle domande di ricerca, alla scelta delle banche dati, alla costruzione delle stringhe di ricerca, ai criteri di inclusione ed esclusione delle pubblicazioni e alle modalità di analisi e rappresentazione dei risultati. Il laboratorio avrà carattere interattivo e prevederà la partecipazione attiva delle studentesse e degli studenti, che potranno esercitarsi nella progettazione e nell'applicazione di un protocollo di revisione sistematica della letteratura, integrandolo con analisi bibliometriche utili a ricostruire la struttura e le dinamiche del campo di ricerca esaminato. https://www.phdlavorosviluppoinnovazione.unimore.it/laboratorio-revisione-sistematica-della-letteratura-cosa-perche-e-come/	Ed. 2026/2027 January 26, 2027 (Please inform the PhD Secretariat of your interest in participating by 18 December at the latest)

n.	Description of the Activity (including access arrangements to infrastructures for National PhD Programmes)	Period
5.	Laboratorio di Writing a scientific paper – 6 ore Il laboratorio ha l'obiettivo di fornire strumenti per analizzare criticamente e scrivere un articolo scientifico empirico, approfondendo la funzione delle diverse sezioni e la coerenza tra domanda di ricerca, quadro teorico, metodologia e risultati. Alle spiegazioni si affiancano esercitazioni di analisi e riscrittura, attività sui progetti dei partecipanti e momenti di confronto tra pari. Al termine del laboratorio, le dottorande e i dottorandi saranno in grado di: - Comprendere la struttura di un articolo scientifico empirico e la funzione delle sue sezioni. - Applicare i principali criteri di scrittura e presentazione della ricerca. - Individuare criticità nella costruzione del paper e formulare suggerimenti di miglioramento. Programma e contenuti 1 – Dalla domanda di ricerca al quadro teorico (2 ore) Struttura del paper, individuazione del gap e formulazione della domanda di ricerca, introduzione, literature review e sviluppo delle ipotesi. Esercitazione sui progetti dei partecipanti. 2 – Metodologia e presentazione dei risultati (2 ore) Descrizione e giustificazione delle scelte metodologiche, delle fonti e delle procedure di raccolta dei dati. Scrittura della sezione risultati e ut 3 – Discussione, abstract e revisione del paper (2 ore) Interpretazione dei risultati, contributi teorici, implicazioni pratiche e limiti della ricerca. Scrittura dell'abstract e scelta del titolo. Attività di revisione e feedback tra pari	Ed. 2026/2027 Date to be confirmed (Please inform the PhD Secretariat of your interest in participating by 18 December at the latest)
6.	Series of activities designed to support PhD candidates in developing their research capabilities, combining critical reflection with research presentations, feedback sessions and academic exchange. Professor Xavier CastañerVisiting professor 1. What Makes Good Research? Hours: 1 hour 30 minutes Teaching Language: English The seminar will focus on the characteristics of high-quality research, addressing standards of theoretical contribution and methodological rigour. 2. Research-in-Progress Workshop for Doctoral Scholars Hours: 3 hours 30 minutes Teaching language: English	April 2027 Th Seminars are opened to all the PhD students

n.	Description of the Activity (including access arrangements to infrastructures for National PhD Programmes)	Period
	Series of interactive workshops in which doctoral students will present their ongoing research work, followed by structured and individualized feedback by the visiting professor aimed at enhancing theoretical framing, research design and publication potential.	

APPENDIX

1. List of PhD Candidates – 42nd Cycle: Supervisor Allocation and Research Area

Corso di Dottorato in Lavoro, Sviluppo e Innovazione Dipartimento di Economia Marco Biagi - Fondazione Marco Biagi Unimore						
Dottorandi XLII Ciclo						
N.	**Nominativo**	**Titolo Progetto**	**Tutor**	**Co-Tutor**	**Area**	**Gestione Fondo di ricerca**
1	ALTINI NICCOLÒ	Household financial decisions under demographic and technological change: longevity risk, household financial security in old age and the role of AI.	Costanza Torricelli		ECONOMICS	**ATENEO** in carico Unimore/ Dip.Economia
2	MAROCCHI TERESA	Collaborative Spaces and Territorial Creativity: Relationships, Public Policies and Contextual Differences	Fabrizio Montanari	Damiano Rizzoli	MANAGEMENT	**ATENEO** in carico Unimore/ Dip.Economia
3	MINCIOTTI PIETRO	Diritti fondamentali dell'individuo e Big Tech: il costituzionalismo all'epoca delle piattaforme digitali	Roberto Pinardi		LABOUR	**ATENEO** in carico Unimore/ Dip.Economia
4	MOCCIA FEDERICA	Salute e sicurezza nel lavoro agile: rischi psicosociali, fragilità e nuove prospettive prevenzionistiche.	Edoardo Ales		LABOUR	**Privata – FMB**
5	ODDOLINI ALESSIA	La governance dell'intelligenza artificiale nei luoghi di lavoro: tra tutela dei diritti fondamentali e comparazione in ambito europeo.	Alberto Tampieri		LABOUR	**ATENEO** in carico Unimore/ Dip.Economia