The Doctorate Program in Industrial Innovation aims at the application of a series of enabling technologies to industrial domains to create innovation in accordance with the Industry 4.0 strategic approach.

The ultimate goal of the Program is to train highly-qualified professionals with diverse scientific, technical and soft skills, who will contribute to the solution of the challenges posed by the industry.
DOCTORATE PROGRAM IN INDUSTRIAL INNOVATION

ADVANTAGES

Companies

Talent access:
Professionals able to respond to companies’ innovation needs through research and precompetitive development

Knowledge access:
Opportunity to collaborate with international level first-class research groups exploiting advanced research outcomes

Research centers

Disruptive innovations:
Opportunity to work in research topics with high innovation potential

Knowledge transfer:
Opportunity to experiment the impact and applicability of research in real-world contexts
DOCTORATE PROGRAM IN INDUSTRIAL INNOVATION

COLLABORATION MODES

**PhD Executive**

To value an employee and improve his/her technical and innovative contribution within the company

The Employee maintains his status within the company

Requirement: The Employee must be involved in high-qualification activities

**Highly-Skilled Apprentice Scholarship**

To have access to the top students who will be trained according to the companies' needs with the aim of hiring

Up to 36 months of internship in the company during the PhD program

Activation of a PhD scholarship in collaboration with UNITN/FBK

**Collaboration Scholarship**

To collaborate with top researchers to support the companies' innovation activities

Up to 18 months of internship in the company during the PhD program

Activation of a PhD scholarship in collaboration with UNITN/FBK
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KICKING OFF THE COLLABORATION

**Definition of a research project**

- Project is built on the problem(s) the company wishes to solve

**Call for PhD candidates**

**Candidate selection**

- The company is deeply involved in the selection process
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TIMELINE OF THE PHD PROGRAM

Year 1
- Coursework
- Research plan submission

Admission to 2°:
- ≥ 12 CFU
- Research plan approval
- Approval by academic advisor and industrial tutor

Year 2
- Coursework
- ≥ 6 months internship in industry
- Progress report submission

Admission to 3°:
- 21 CFU
- Progress report approval
- Approval by academic advisor and industrial tutor

Year 3
- Research work

Admission to FE:
- ≥ 2 (industrial-oriented) indexed publications (patent applications may be considered)
- Positive assessment by academic advisor and industrial tutor

Final Exam
- PhD Degree
Definition of training goals

Multidisciplinary and customizable learning process according to the company’s priority

Project management

Flexible plan established by both parties
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MULTIDISCIPLINARY TRAINING COURSES

Training packages

Technical & Scientific courses

Soft skills & Innovation & Entrepreneurship courses

Department of Information Engineering and Computer Science
Department of Industrial Engineering
Department of Civil, Environmental and Mechanical Engineering

School of Innovation - SoI
Trentinosviluppo
HUB Innovazione Trentino
EIT Digital
Department of Economics and Management
DOCTORATE PROGRAM IN INDUSTRIAL INNOVATION

TOTAL SCHOLARSHIP COST FOR 3 YEARS

Total: €69,280

- Scholarship: €60,022
- Management fees: €6,000
- PhD student personal research budget: €3,258
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