



UNIVERSITÀ  
DEGLI STUDI  
DI BERGAMO

Area  
Risorse Umane

Servizio Personale TA e  
collaboratori

## CHANCELLOR'S DECREE

Data that can be deduced from the registration in the protocol:  
Repertoire Number, Protocol Number, Title,  
Class File Attachments and References

**Object: Correction of the contents of the annex A relating the selection code n. 6 of the public selection based on qualifications and interview for the awarding of no. 28 Early-stage grants for conducting research pursuant to art. 22 of law no. 240/2010 at the Departments of University of Bergamo - Pica Code 23AR027**

### THE CHANCELLOR

HAVING SEEN your DR rep. n. 791/2023 of 10 November 2023 announcing the public selection based on qualifications and interview for the awarding of n. 28 Early-stage grants for carrying out research activities, pursuant to art. 22 of law no. 240/2010 at various Departments of the University of Bergamo - Pica Code: 23AR027;

HAVING ACKNOWLEDGED that following the publication, the need to modify Annex A of project no. was identified. 6, as per the emergency decree prot. No. 215856 of 04.12.2023 from the Director of the Department of Economic Sciences;

HAVING therefore recognized the need to modify the aforementioned Annex A;

RECOGNIZED in any case the need to guarantee the widest possible participation in the aforementioned selection by extending the deadline for submitting applications for a further 15 days;

CONSIDERED therefore to set the new deadline at 12.00 (Italian time) on 28 December 2023, acknowledging that the requirements for participation in the selection must be met on the new deadline date, 28 December 2023;

GIVEN the Statute of the University of Bergamo issued with D.R. rep. n. 570/2023 of 01.08.2023, in particular art. 16 paragraph 1;

### DECREES

#### Article 1

For all that stated in the introduction, in the context of the selection announced with DR rep. n. 791/2023 of 10 November 2023 announcing the public selection based on qualifications and interview for the awarding of n. 28 Early-stage grants for carrying out research activities, pursuant to art. 22 of law no. 240/2010 at various Departments of the University of Bergamo - Pica Code: 23AR027, the changes have been inserted as per the emergency decree prot. No. 215856 of 04.12.2023 from the Director of the Department of Economic Sciences and to postpone the deadline for submitting applications for admission from 12.00 (Italian time) on 13.12.2023 to 12.00 (Italian time) on 28.12.2023.

#### Article 2

The statement of the grant identified with code 6 of the aforementioned selection attached to this Decree fully replaces the one included in DR 791/2023 of 10.11.2023;

#### Article 3

It is acknowledged that, pursuant to art. 2 the requirements prescribed for participation in the selection must be met on the new deadline for submitting the application for admission to the selection, by 28.12.2023.

#### Article 4

The current decree is available on the website of the University of Bergamo [www.unibg.it](http://www.unibg.it) under the specially devoted section "*Concorsi e selezioni-Assegni. Borse e contratti di ricerca-Assegni di ricerca*"

Bergamo, as per protocol registration

THE CHANCELLOR

Documento firmato digitalmente ai sensi  
dell'art. 24 del D. Lgs. 82/2000



## ANNEX A

### RESEARCH PROJECT - CODE 6

#### ***“Vocational Education and Training (VET) in the post-Covid world. Impacts on individuals, firms and local development.”***

**Research structure:** Department of Economics  
**Department Resolution:** 20.09.2023

**Resolution of the Academic Senate:** 22.09.2023  
**Resolution of the Board of Directors:** 28.09.2023

**Duration of the grant:** 24 months

**Gross and funds:** € 22.284,00;  
PRIN 2022 – Project code ORIG\_F\_22\_RN\_PRIN\_01 – CUP F53D23003100006 – PROT MUR 2022KRJR2Z\_02

**Scientific Area:** 13 – Economics and statistics  
**Academic recruitment field:** 13/A2 – Economic Policy  
**Academic discipline:** SECS-P/02 – Economic Policy

**Scientific Director:** Prof.ssa Federica Origo

#### **Access requirements:**

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) in Scienze dell'economia (classi LM-56 o 64/S) o in Scienze economico-aziendali (classi LM-77 o 84/S) o in Scienze statistiche (classi LM-82 o 91/S Statistica economica, finanziaria e attuariale) o in Ingegneria gestionale (classi LM-31 o 34/S) o in Sociologia e ricerca sociale (classi LM-88 o 89/S Metodi per la ricerca empirica nelle scienze sociali) o in Scienze pedagogiche (classi LM-85 o 87/S) o in Scienze delle pubbliche amministrazioni (classi LM-63 o 71/S) ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi;

**Foreign language:** English

#### **Additional requirements for assessment:**

The possession of a PhD degree in Economics or Statistics will be positively considered in the evaluation process.

#### **Interview program:**

- Knowledge of the socio-economic literature on the topic of the research;
- Knowledge of data collection and data management;
- Motivation and attitude to empirical research, also with a multidisciplinary approach, with particular attention to previous research experiences, earned also in the course of study.

#### **Research Project:**

This research project aims at investigating the main features of the vocational education and training (VET) system in Italy in a comparative perspective, and its impact on individuals, firms, local development and the society as a whole.

VET is that part of the education systems that provides young people with skills and knowledge directly related to a specific occupation.



In Italy, after the traditional four-year VET program (Istruzione e Formazione Professionale, IeFP diploma, ISCED 3) students can enroll in an extra year of post-secondary non tertiary education (Istruzione e Formazione Tecnica Superiore, IFTS, ISCED 4) and then enter a short tertiary vocational program (Istituti Tecnici Superiori; ITS, ISCED 5).

In this project specific attention will be paid to tertiary VET, which has been introduced in Italy for the first time in 2010 under the form of Istituti Tecnici Superiori (ITS). The main feature of ITS courses is the combination of work-based and in-class learning, with active involvement of firms in both management and teaching, thus creating a strong link with local skills demand.

The VET system has experienced a number of substantial reforms in recent years and it is now formally embedded in the education system. However, differently from the other tracks of the education system, in Italy VET systems are administered at the regional level. Thus, the reforms have been implemented in different ways and at different dates across regions, based on specific experience and institutional features, leading to extremely different models of region-specific VET systems (INAPP,2019).

The aim of this research project is to study and exploit regional heterogeneity in the creation and development of ITS courses to investigate the impact of tertiary VET on both individuals and firm performance.

More specifically, the project will try to answer the following research questions:

1. What is the impact of attending an ITS course on individual employment and wages?
2. What are the main characteristics of the firms actively involved in ITS courses? Do firms benefit from participating in management or teaching in ITS courses?
3. Is there any association between the presence of ITS courses and local development (such as lower youth unemployment or NEET rates or more job and firm creation)?

The project will require:

- the review of the literature on the impact of post-secondary VET systems on the performance of individuals and firms;
- the collection of new data (e.g., the list of companies involved in ITS courses) and the management of different datasets (e.g., labour force survey data and firm-level accounting data, such as Bureau van Dick's AIDA database). Data collection may also require the use of qualitative methods, such as in-depth interviews and focus groups;
- collaboration in empirical analysis aimed at answering the research questions of the project. Knowledge of the main impact evaluation techniques, such as matching or difference-in-differences techniques, is valuable;
- publication and dissemination of the main results of the analysis.