



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

Ph.D. program:

***Analytics for Economics and Management – AEM
Modelli e Metodi per l’Economia e il Management
Department of Economics and Management***

Coordinator:

Prof. Giorgia Oggioni

Web-page: <https://aem.unibs.it/>



Analytics for Economics and Management – AEM

Goals

The Ph.D. program aims at training **high profile scientists and experts**, able to apply **analytical and computational tools** to data to the goal of making complex decisions in Economics, Management, Business, and Finance.

The Ph.D. students will have advanced methodological foundations in:

- **Models and Methods for Economics and Finance**
- **Operations Research**
- **Statistics and Data Science**

Keywords:

- **Quantitative methods**
- **Multidisciplinarity**
- **Analysis of real world problems in several fields**

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Research areas

Models and Methods for Economics and Finance

Economics

Empirical Models in Finance

**Methods and Models for Finance,
Energy and Environment**

**Operations
Research**

**Statistics
and
Data
Science**

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Ph.D. students' training



First year

- Compulsory multidisciplinary courses (4)
- Additional compulsory courses selected in the research area of interest (4)

Second year

- Research activity for the thesis
- Visiting period abroad
- <https://aem.unibs.it/internationalization>

Third year

- Visiting period abroad
- Research activity and thesis

Complementary training activities: Organization of seminars and participation in conferences, workshops and summer schools

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Ph.D. students' training

Courses :

- Four compulsory multidisciplinary courses of 24 hours each, based on frontal lectures and a final exam.
- Four additional compulsory courses selected in the research area of interest with the support of the supervisor. These courses could be given either with projects or lectures. Each course has a final exam.
- The syllabus of the courses are available at the following webpage:
<https://aem.unibs.it/courses-1>

Complementary training activities:

- Seminars: <https://aem.unibs.it/seminars>