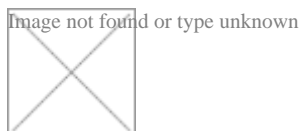# [PATC: Big Data Analytics](#)

Objectives

The course brings together key information technologies used in manipulating, storing, and analysing data including:

- the basic tools for statistical analysis,
- techniques for parallel processing,
- tools for access to unstructured data,
- storage solutions.
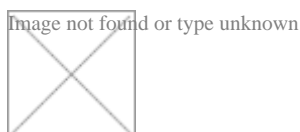
Learning Outcomes

Students will be introduced to systems that can accept, store, and analyse large volumes of unstructured data. The learned skills can be used in data intensive application areas.

[Academic Staff](#)

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Course Convener: Maria-Ribera Sancho

[Materials](#)

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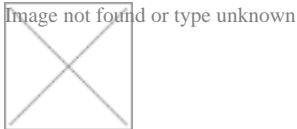**The relevant materials will be made available to the participats during the course.**

INTELLECTUAL PROPERTY RIGHTS NOTICE:

Further information

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All PATC Courses at BSC do not charge fees.
PLEASE BRING YOUR OWN LAPTOP.

Recommended Accomodation: Please follow the link for map of some local hotels.

CONTACT US for further details about MSc, PhD, Post Doc studies, exchanges and collaboration in education and training with BSC.
For further details about Postgraduate Studies in UPC - Barcelona School of Informatics (FiB), visit the website.

Sponsors: BSC and PRACE 5IP project are funding the PATC @ BSC training events.
If you want to learn more about PRACE Project, visit the website.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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