

Proposed update to the DPTs for MSc and MScR in Data Science

(Proposed by Sharon Goldwater and Adam Lopez, who is the deputy director of the CDT in Data Science)

There is a section of these DPTs that currently says:

DATABASES - Level 11

Select between 10 and 40 credits of the following courses

Notes: These are courses in Databases and Data Management Systems open to taught postgraduate students.

Applied Databases
Extreme computing
Advanced Topics in the Foundations of Databases

This is by far the most constrained section of the DPT, and students without previous database or strong CS background are effectively required to take Extreme Computing (because the others have prerequisites).

It is proposed to broaden this section somewhat, as follows. The addition of Database Systems (level 10) provides an introductory level databases course for students who have no previous background in this area. The two algorithms courses are also highly relevant for students who have the mathematical background for them.

DATA MANAGEMENT - Level 10-11

Select between 10 and 40 credits of the following courses

Notes: These are courses in Databases and Data Management open to taught postgraduate students.

- Algorithmic Foundations of Data Science (new course for 2018-19, if approved)
- Usable Privacy and Security (new course for 2018-19, if approved)
- Algorithms and Data Structures
- Database Systems
- Applied Databases
- Extreme computing
- Advanced Topics in the Foundations of Databases

-Fundamentals of Data Management (This is a course from EPCC. The current code is PGPH11088, but as they are proposing a new version at our BoS, I don't know if the code will change. ITO will need to check this when actioning.)
