

The Further Mathematics Support Programme

Introduction to Discrete Mathematics

Course Tutors: James Morris, Sue de Pomerai & Jeff Trim
FMSP Area Coordinators/Central Team

UCL Institute of Education, London
09:00 – 15:30 Thursday July 5th 2017



Feedback from previous courses:

“Use of IT to deliver discrete” was particularly useful”

“Superb. I feel empowered.”

“Has been a great experience; very beneficial.”

“The resources and having a go at questions was particularly helpful”

“I really appreciated the discussion around potential student pitfalls”

This course is an introduction to Discrete Mathematics and no prior knowledge is required beyond GCSE.

[The title Discrete Mathematics, Decision Mathematics and Modelling with Algorithms are now being used by different Further Mathematics awarding organisations for Further Mathematics components containing similar material.]

Is this course for you?

This course assumes no prior knowledge of decision/discrete mathematics, and is ideal for you if you are teaching it for the first time or looking to teach it in the future. This course is a repeat of the course offered in November 2017.

This course is suitable for the new (2017) Further Mathematics specifications.

This course may also be suitable for you if you haven't seen the material for years and would like a refresh. In July, we are also running a similar course for the material common to the A Level content. See www.furthermaths.org.uk/london_CPD for more details.

Course aims:

- To cover common key ideas from the AS specifications.
- To introduce teachers to teaching ideas and resources to support decision/discrete mathematic.
- To provide hints for preparing students for decision/discrete mathematics exams

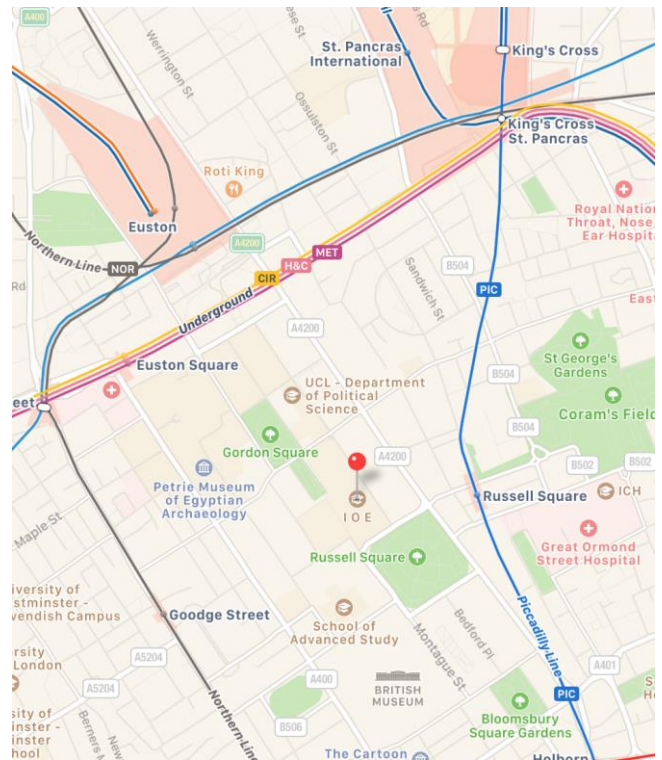
Provisional timetable for the day:

09:00	Registration and refreshments
09:20	Introduction
09:30	Graph Theory
10:30	Break & Refreshments
10:45	Algorithms on Networks
11:45	Linear Programming
12:45	Lunch (provided)
13:30	Critical Path Analysis including Scheduling
15:00	Evaluations
15:30	Close

Venue: UCL Institute of Education, Bedford Way, London (see map).

Course/event fees and application:

Fees for this course are £50 per teacher (£100 if your school/college is not registered with the FMSP). Registration is quick, easy and free at www.furthermaths.org.uk/register.



The booking form gives you the opportunity to express interest. Please complete this if you would like to attend, but need to seek permission from school first. We will do our best to save you a place! To book a place or express interest please complete the form at <https://goo.gl/forms/aAt1nBnswA7pWlyF2>.

Further information

If you have any questions about this event, please email James Morris on jamesmorris@furthermaths.org.uk.

Information about all our CPD can be found at <http://www.furthermaths.org.uk/cpd>.