

Numerical Optimization Methods

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FAQ to unit of numerical optimization methods

1. What is the aim of this unit?

This unit aims to help research students to overcome math barriers and go through research papers independently. The desired goal is to apply the taught math methods to the individual research topics.

2. Who are the audiences of this unit?

This unit is open to all BU research students, including CDE Eng.D students, Postgraduate Research students, overseas secondment PhD students.

3. What does this unit consist of?

Currently, this unit consists of 7 modules. Each module is self-contained, that is, each module does not require any preliminary course, and they are independent from each other.

4. How long does this unit last in an academic year?

The audiences usually work on the same calendar as staff. Thus, on every Friday, there are ONE two-hours lecture in the morning and ONE three-hours workshop in the afternoon. The unit will run in a cyclic way over the whole academic year. Anyone may attend this unit at any time. Moreover, if appropriate, there may be some breaks, such as tutor's business travels. You will be informed beforehand.

5. What is the learning approach?

In 2h lecture, tutor will teach math methods based on the lecture notes. After lectures, students have two options for their practise, one is to finish the specified course work and submit reports accordingly, and the other is to apply the taught methods to their individual research issues and publish their own papers. In 3h workshop, students are required to report their individual progress of the course work. Moreover, you may contact tutor by visiting, calling, email, skype... for additional tutorials as well.

6. Assessment

If you prefer to the specified course work, you need to finish 3 course work reports.
If you prefer to publish your own paper, you only need to provide ONE published paper.

7. How do students access the unit materials?

Currently, all the lecture notes and related materials are stored on myBU. Please email at hyu@bournemouth.ac.uk at first, so as to add you into this unit on myBU.