



Newman
University
BIRMINGHAM

Subject Knowledge Enhancement Course

PHYSICS



Your opportunity
Your community
Your university

If you have a conditional offer on a secondary physics teacher training course and your first degree in science is not in physics, then consider the Subject Knowledge Enhancement (SKE) course at Newman University.

The SKE course has been designed to enhance an existing degree or serve as a subject refresher, providing the necessary improvements to enable you to go on and teach effectively at secondary level.

Newman is offering various SKE courses in Physics **8 week course: 3rd June to 26th July 2019**

This course will enable you to acquire sufficient physics to effectively teach physics to Key Stage 3 and beyond.

8 Week Programme:

- Enrolment and audit of subject knowledge
- Study units, seminars and practical work at Newman
- Completion of portfolio

The 8 week course will involve face to face sessions, visits and field work.

12 week course: 3rd June to 26th July 2019

The final 4 weeks take place during the PGCE

The course begins with the 8 week course and then continues in parallel with the training year providing a practical based support to subject knowledge development in physics. The second part of the 12 week course runs as part of the PGCE at Newman University.

12 Week Programme:

- Enrolment and audit of subject knowledge
- Study units, seminars and practical work at Newman
- Completion of portfolio
- Practical based subject enhancement activities in parallel with post graduate training course
- Attendance at Newman is required for 10 days during this part of the course
- Completion of final portfolio

Study Units (including)

- Mechanics • Radioactivity • Waves
- Particles and nuclear physics
- Electricity and electromagnetism
- Thermodynamics
- Practical physics
- Biology and chemistry

Features

You will be trained by an experienced and highly qualified secondary practitioner who will guide you in the learning of physics at a level appropriate for your future teaching. The structure of the course will involve self-directed study, seminars and practical work.

The course will explore the key areas of the curriculum focussing on topics that are problematic for learners. Laboratory and field based practical work will be used extensively to develop both subject knowledge and practical skills. In addition to the study units in your subject specialism you will be exploring a range of topics across all three school sciences.

You will be expected to carry out a substantial amount of self-study and Newman's new Library facilities will be at your disposal. Practical work will take place at Newman in purpose built teaching laboratories and you will be supported by tutors and technicians.

Assessment

Assessment will be through a portfolio of work demonstrating individual subject knowledge development during the course.

Entry Requirements

Applications are open to those candidates who have an offer for a secondary physics teacher training course, starting 2019 from a recognised teacher training provider that is conditional on the completion of an SKE course, of at least 8 weeks. (The 12 week course would only be available to candidates following the PGCE at Newman University.)

Enrolment Date

3rd June 2019


Fees and Funding

The courses are fully funded by the NCTL. Following successful enrolment you may be entitled to a bursary of £200 per week for the first 8 weeks.

GET IN TOUCH

For further information or an application form contact:

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