

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

NUCLEAR ENGINEERING

Doctor of Philosophy in Nuclear Engineering Postgraduate Certificate in Nuclear Engineering

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the [General Academic Regulations - Postgraduate Research Degree Regulations](#).

For regulations relating to taught (compulsory/optional) modules, please refer to the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Research Degree Regulations](#), applicants shall possess:
 - i. a Master's (i.e. MSc) or an Integrated Master's (i.e. MEng) degree; or,
 - ii. a first or upper second class Honours degree from a United Kingdom University; or,
 - iii. other qualifications deemed, by the Head of Department (or nominees) acting on behalf of the Senate, to be equivalent to (i) or (ii) above.
2. In all cases, applicants whose first language is not English shall be required to demonstrate an appropriate level of English.
3. Applicants who satisfy the provisions of Regulation 1 may, in addition, be required by the Head of Department, acting on behalf of Senate, to be an experienced professional with current work experience in a relevant area of industry.
4. In all cases, applicants must submit a satisfactory research area or topic.

Duration of Study

5. 48 months as the minimum period of study, and 60 months as the maximum period of study for full-time PhD (see [General Academic Regulations - Postgraduate Research Degree Regulations](#)).

Mode of Study

6. The programme is available by full-time study only.

Curriculum

7. All students shall undertake an approved curriculum as follows:
8. **First Year** – All students will take the compulsory taught modules.

Compulsory Modules

Module Code	Module Title	Level	Credits
CLXXX	Introduction to the Nuclear Fuel Cycle	5	30
CLXXX	Foundation Independent Research and Professional Skills	5	30

9. **Second, Third and Fourth Years** – Upon successful completion of the compulsory taught modules, students will be able to progress to second year and will work on their doctoral research projects in the remaining years of the PhD.

Examination, Progress and Final Assessment

10. Candidates are required to pass oral examinations and to perform to the satisfaction of the Board of Examiners in the taught component of the programme. In addition, students must satisfy the general regulations associated with the award of a doctoral research degree as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
11. Candidates are required to successfully complete the compulsory modules in order to progress to second year.
12. Candidates who fail to satisfy the Board of Examiners in any taught module shall be permitted one further attempt to pass the relevant module(s), normally in the same academic year.

Award

13. **Degree of PhD in Nuclear Engineering:** In order to qualify for the award of the degree of PhD in Nuclear Engineering, a candidate must have performed to the satisfaction of the Board of Examiners and must have accumulated no fewer than 60 credits from the taught curriculum. In addition, a student must perform satisfactorily in an oral examination based on a piece of original research submitted to the University of Strathclyde in the form of a portfolio or thesis as specified in the [General Academic Regulations - Postgraduate Research Degree Regulations](#).
14. **Postgraduate Certificate:** In order to qualify for the Postgraduate Certificate in Nuclear Engineering, a candidate must have accumulated no fewer than 60 credits from the taught curriculum.