

FACULTY OF SCIENCE

DEPARTMENT OF PHYSICS

NANOSCIENCE

Master of Science in Nanoscience
Postgraduate Diploma in Nanoscience
Postgraduate Certificate in Nanoscience

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. Notwithstanding the [General Academic Regulations - Postgraduate Taught Degree Programme Level](#), applicants shall possess:
 - i. a degree (or, in the case of direct entry to the degree of MSc, a first or second class Honours degree) from a United Kingdom University (in an appropriate discipline); or
 - ii. a qualification deemed by the Programme Director (or nominees) acting on behalf of Senate to be equivalent to (i) above. This may include a requirement for appropriate industrial experience.
2. Applicants may be required to attend an interview.

Place of Study

3. Some individual research projects may require off-campus work.

Mode of Study

4. The programmes are available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including a 60-credit project.

Compulsory Modules

| Module Code | Module Title | Level | Credits |
|-------------|---------------------------------------|-------|---------|
| PH949 | Physics Skills | 5 | 20 |
| PH953 | Introductory Nanoscience | 5 | 20 |
| PH955 | Advanced Nanoscience 1 | 5 | 20 |
| CH927 | Advanced Nanoscience 3: Nanochemistry | 5 | 20 |
| PH952 | Project*** | 5 | 60 |
| PH954 | Physics Conversion Programme* | 5 | 20 |

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|-------|---------------------------------------|---|----|
| Or | | | |
| CH106 | Chemistry: Principles And Practice 1* | 1 | 20 |
| And | | | |
| PH968 | Experimental Laboratories** | 5 | 20 |
| Or | | | |
| PH956 | Advanced Nanoscience 2** | 5 | 20 |

*Either PH954 Physics Conversion Programme or CH106 Chemistry: Principles And Practice 1 or another appropriate module approved by the Programme Director.

**Either PH956 Advanced Nanoscience 2 or PH968 Experimental Laboratories or another appropriate module approved by the Programme Director.

***For the degree of MSc only. If the project is not done in the Department of Physics, students are registered on a 60 credit PGT project of the Department providing the project supervision but assessed under the PH952 module rules.

Subject to the approval of the Programme Director, students may substitute a maximum of two Level 5 modules (totalling no more than 40 credits) with other Level 5 modules.

Examination, Progress and Final Assessment

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework, and the project.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Nanoscience, a candidate must have accumulated no fewer than 180 credits of which 60 must have been awarded in respect of the project PH952.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Nanoscience, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Nanoscience, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme.