FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

CYBER-PHYSICAL SYSTEMS FOR MEDICINES DEVELOPMENT AND MANUFACTURING (CEDAR)

Doctor of Philosophy in Cyber-Physical Systems for Medicines Development and Manufacturing

Master of Philosophy in Cyber-Physical Systems for Medicines Development and Manufacturing

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.

This degree is part of a collaborative EPSRC initiative comprising the University of Strathclyde, the University of Sheffield, the University of Leeds and Imperial College of London. Students registering at the University of Strathclyde will graduate with a degree of the University of Strathclyde and will be subject to the General Regulations of this University.

Admission

1. The General Academic Regulations - Postgraduate Research Degree Regulations shall apply

Duration of study

2. The General Academic Regulations - Postgraduate Research Degree Regulations shall apply.

Mode of study

3. The programme is available by full-time and part-time study.

Place of study

4. In accordance with the General Academic Regulations - Postgraduate Research Degree Regulations some off-campus work is required as part of the module delivery and the option to undertake an Industrial Placement.

Curriculum

5. All students shall undertake an approved curriculum of at least 60 credits comprising modules offered by Strathclyde and the partner institutions as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MP840	Core and Advanced Multi-disciplinary Technical and Digital Skills	5	30
MP841	Industrial and Regulatory Practice	5	15
MP842	Personal Development Skills	5	15

Progress

6. To progress to the second year of the programme, a full-time student should have accumulated 30 credits.

7. Each year, a progression review will be held (typically at the CMAC Summer School) to ensure that the student is progressing as expected with their research project and training and that there are no foreseeable issues preventing the student from completing both their PhD and the 60-credit training programme within the remaining timeframe of their studies.

Award

8. **Degree of PhD**: To qualify for the award of the degree of **PhD in Cyber-Physical Systems for Medicines Development and Manufacturing**, a student must have:

    i. Accumulated at least 60 credits from the programme curriculum
    ii. Submitted a suitable thesis, and
    iii. Performed satisfactorily in an oral examination.

9. **Degree of MPhil**: A student who fails to satisfy the award requirements for the award of PhD in Cyber-Physical Systems for Medicines Development and Manufacturing may be eligible for the award of Master of Philosophy (MPhil) in Cyber-Physical Systems for Medicines Development and Manufacturing. To qualify for the award, a student must have:

    i. Accumulated at least 20 credits from the programme curriculum
    ii. Submitted a suitable thesis, and
    iii. Performed satisfactorily in an oral examination.