Entry Requirements: *This programme is no longer recruiting*

**Year One** (a total of 150 credits in taught modular courses will be taken as well as the research project)

- The candidate will commence research under the direction of their supervisor(s) from term 3.
- Compulsory specialised subject modules:
  
  - CAPE5901M Functional Analysis Semester 2 15 credit
  - CAPE5902M Reverse Engineering Semester 1 30 credits
  - CAPE5903M Manufacturing Semester 1,2,3 30 credits
  - CAPE5905M Professional and Research Skills Sem 3 60 credits
  - CAPE5300M Chemical Products Design and Development 15 credits

Alongside these taught modules, candidates are required to study 30 credits of PhD research. PGRs will be required to pass at least 120 taught credits in order to progress on the programme.

**Year Two** (a total of 30 credits in taught modular courses will be taken as well as the research project)

- The candidate will continue research under the direction of their supervisor(s)
- Compulsory specialised subject modules:
  
  - CAPE5904M New Product Semester 1 (15 credits)
  - LUBS5247M Managing for Innovation Semester 2 (15 credits)

Alongside these taught modules, candidates are required to study 150 credit of PhD research.

PGRs who have been successful in the assessed modules and research components during Year 2 of study, will undergo a transfer assessment process at the end of Year Two.

PGRs will be required to pass at least 150 taught credits and successfully Transfer to full PhD status in order to progress on the programme.

**Years Three and Four**

- The candidate will continue research under the direction of their supervisor(s)

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1 To be read in conjunction with the general Programme of Study for the Integrated degrees of PhD and Master (MA, LLM or MSc)
INTEGRATED DEGREE OF PHD AND MSC (COMPLEX PARTICULATE PRODUCTS AND PROCESSES)

- proactively to formulate ideas and hypotheses and to develop, implement and execute plans by which to evaluate these;
- critically and creatively to evaluate current issues, research and advanced scholarship in the discipline.
- Undertake a team research project and be able to plan, research, execute and analyse the results from an appropriate programme of work.

2. Transferable (Key) Skills

PGRs will have had the opportunity to acquire the following abilities as defined in the modules specified for the programme:

- the skills necessary to undertake a higher research degree and/or for employment in a higher capacity in industry or area of professional practice;
- evaluating their own achievement and that of others;
- self direction and effective decision making in complex and unpredictable situations;
- independent learning and the ability to work in a way which ensures continuing professional development;
- critically to engage in the development of professional/disciplinary boundaries and norms;
- work effectively in an external environment e.g. industry, overseas laboratory.

3. Learning Context

For Masters (Taught) PGRs the learning context will include the analysis of, and decision making in, complex and unpredictable situations. The structure of the programme will provide breadth and/or depth of study and opportunities for drawing upon appropriate resources and techniques. Opportunities will be provided for PGRs to develop:

- high level interests and informed opinions;
- develop to a high level their design and management of their learning activities;
- develop to a high level their communication of their conclusions;
- make an original contribution to the field.

PGRs will be expected to engage in the exercise of autonomous initiative in their study and work in professional environments.

4. Assessment

Achievement for the degree of Master (taught programme) will be assessed by a variety of methods in accordance with the learning outcomes of the modules specified for the year/programme and will involve the achievement of the PGRs in:

- evidencing an ability to conduct independent in-depth enquiry within the discipline;
- demonstrating the ability to apply breadth and/or depth of knowledge to a complex specialist area;
- drawing on a range of perspectives on an area of study;
- evaluating and criticising received opinion;
- make reasoned judgements whilst understanding the limitations on judgements made in the absence of complete data;
- Presenting work in a variety of ways e.g. oral presentation to academic groups, lay public; examination, viva, coursework;
- The written style and overall presentation of the thesis.