

The FAME@UCL master program

Courses – 30 credits	Semester	Credits
COMPULSORY (waived if prior knowledge is demonstrated)		
Polymer Science and Engineering	1	5
Physical Chemistry of Metals and Ceramics	1	5
Physics of Functional Materials	1	5
Deformation and Fracture of Materials	1	5
ELECTIVE (select two or more – all courses of dept are now in English)		
Physics of Nanostructures	1	5
Design of Micro- and Nano-Systems	1	5
Micro- and Nano-Fabrication Techniques	2	5
Macromolecular Nanotechnology	2	5
Physical Chemistry and Chemistry of Polymers	1	5
Project in Polymer Science	2	5
Polymer Materials	1	5
Materials Selection	2	5
Characterization of Inorganic Materials	1	5
<i>Other elective courses</i>		



Learning-, not teaching !

Courses – 30 credits

COMPULSORY (waived if prior knowledge is demonstrated)

Polymer Science and Engineering
Physical Chemistry of Metals and Ceramics
Physics of Functional Materials
Deformation and Fracture of Materials

Partially flipped classroom

Project-based
Partially project-based

ELECTIVE (select two or more – all courses of dept are now in English)

Physics of Nanostructures
Design of Micro- and Nano-Systems
Micro- and Nano-Fabrication Techniques
Macromolecular Nanotechnology
Physical Chemistry and Chemistry of Polymers
Project in Polymer Science
Polymer Materials
Materials Selection
Characterization of Inorganic Materials

Project-based
Project-based
Project-based
Project-based + flipped classroom
Project-based
Partially project-based
Partially project-based

Other elective courses