

BEng (Hons) Product Design and Manufacture

Mechanical, Materials and Manufacturing Engineering / Faculty of Science and Engineering

Year 1 Modules

Module Code	Module Title	Credits
CELEN120	Foundation Algebra	20
CELEF008	Introduction to Academic Skills	10
CELEN038	The Scientific Method	10
CELEN122	Foundation Electromagnetism and Mechanics	20
CELEN037	Foundation Calculus and Mathematical Techniques	20
CELEN040	Foundation Chemistry	10
CELEN052	English in Specific Academic Contexts B (Engineering; Comp Sci; Env'mental Sci & Architecture)	20
CELEN082	Oral Communication Skills B	20

Year 2 Modules

Module Code	Module Title	Credits
MMME1014	Industrial Design Professional Practice	20
MMME1020	Drawing For Design	20
MMME1039	Statics and Dynamics	20
MMME1044	Engineering Design and Design Project	20
MMME1043	Materials and Manufacturing	20
MMME1042	Mathematics for Engineers	20

Year 3 Modules

Module Code	Module Title	Credits
MMME2015	Materials in Design	10
MMME2023	2nd Year Design Projects	20
MMME2039	Design Communication	20
MMME2040	Industrial Design and Professional practice 2	20
MMME2020	Design for Manufacture	10
MMME2024	2nd Year Group Design Project	20
MMME2041	User Centred Research and Design	20

Year 4 Modules

Compulsory Modules

Module Code	Module Title	Credits
MMME3034	RSA Design Projects	20
MMME3035	Manufacturing Process Capability	10
MMME3095	Major Design Project Preparation	10
MMME3096	Industrial Design Professional Practice 3B	10
MMME3033	BEng Major Design Project	60

Optional Modules

Module Code	Module Title	Credits
MMME3024	Computer Aided Engineering	10
MMME2012	Engineering Management 1	10
MMME3025	Control and Instrumentation	10