

UCL DEPARTMENT OF ELECTRONIC
AND ELECTRICAL ENGINEERING



UCL

Switch on to a Bright Future

Industrial Education
Programmes in
Telecommunications and
Business for Researchers,
Engineers, IT Professionals
and Managers.

CPD and MSc qualifications
available



www.ee.ucl.ac.uk/cpd

Programme Structure

The course is designed specifically for those working in the Telecommunications Industry to follow on a part time basis. The modules are designed to be independent and afford maximum flexibility in study pattern. They may be taken individually on a module only basis, as a short course, or accumulated towards an MSc qualification, in any order according to an individual's personal training and development needs.

CPD

All modules are available individually for continuing professional development. Certificates are awarded on successful completion of each module.

MSc

Eight modules and a dissertation (performed in industry) can be completed over 2 to 5 Years to lead to an MSc qualification in one of three areas.

Continuing programme improvement is carried out by review after each module has been presented. Consequently there is no definitive version of the syllabus, only the latest, thereby striving for optimum relevance to the needs of student and industry.

Around 70% of our 2020 workforce are already in work.

By 2020 40% of the workforce will hold a Level 4 (First Degree) qualification.



Benefits to the Employer

The programme enhances staff motivation and assists in the recruitment and retention of high quality staff. It enables your company to keep ahead of the competition by tapping into world-leading research, and profit from UCL's world class Telecommunications and Business expertise.

Benefits to the Employee

The programme offers the opportunity for professional people working in the Telecommunications Industry to develop their career, be able to respond to changes in their environment, and learn while they earn. It is also designed to afford the opportunity of an MSc qualification from an academic institution whose quality is recognised world-wide.

Modular Master's and Short Courses

This programme is specifically designed to allow those working in Industry to "learn while they earn". It has been designed to operate independently and afford maximum flexibility. The programme has been created to enhance the technical skill base and business acumen that is required to meet the dynamic challenges of today's industry, empowering professionals to develop their careers, and their employers to maintain and retain high quality staff.

UCL has over 15 years of experience of providing high-quality and industry focused education at Master's Level having provided courses to large multi-national companies, Small and Medium Sized enterprises and Government bodies.

Modules are provided by leading figures in the area making use of the world-leading expertise and facilities at UCL as well as professionals from industry, Government bodies and other universities.

Entry Requirements

To enter the MSc course any of the following is required; an upper second class honours degree (2.1) from a UK university or an equivalent overseas university or significant, relevant work experience.

The programmes are designed to support those working in industry and it is expected that they will be supported by their employer both in terms of study leave and in the defining of their dissertation project.

Modules

Modules are available in a wide range of topics including IP, Network design, Services and Applications, Wireless Technologies, RF and Optical Components and Sub-systems, Finance and Business Management. The portfolio is regularly updated so please visit the website for current options.

Assessment

Modules are assessed by exam or assignment and a certificate is given for each module satisfactorily completed. If applicable, up to two modules can be subsequently credited towards the MSc degree.

Part-time and Flexible Master's Programmes

MSc Telecommunications

This highly flexible programme, consisting of 8 modules and a dissertation, can be taken over 3 to 5 years.

Modules can be drawn from any of the technical modules available in the portfolio of technical modules that typically run from September to June.

Candidates can select the title of their final degree based on the mix of modules chosen.

Modules typically run Monday to Thursday, 10am to 5.30pm, with a tutorial a few weeks later followed by an exam or assignment.

All modules are taught at UCL and support by the UCL Virtual Learning Environment which provides notes and additional materials such as recordings of the lectures for revision.

For further details contact:
communications@ee.ucl.ac.uk

MSc Telecommunications with Business

This flexible two-year programme aims to provide the management tools and techniques of an MBA course but with the focussed application to the specific industry that an MSc can provide. The programme consists of four specially-designed business modules and a selection of four technical modules from the Department's wide-ranging portfolio, followed by a individual dissertation

Modules are typically four or five days (10am to 5.30pm). These four business modules draw on the experience of leading experts from UCL, Industry and leading business schools in the area of business

planning, financial and management accounting, regulation, marketing and product management.

The programme is aimed at those with experience who seek accelerated progression to senior management and technical positions.

We expect graduates of this new programme to be highly attractive to employers across a very diverse range of sectors.

For further details contact:
msctwithb@ee.ucl.ac.uk

Contact:

Continuing Profession Development Courses: communications@ee.ucl.ac.uk

MSc Telecommunications: communications@ee.ucl.ac.uk

MSc Telecommunications with Business: msctwithb@ee.ucl.ac.uk