

Course structure: MRes (year 1, 2019-20)

| Module 1 | Module 2 | Elective Modules | Business Module | Generic Skill Development |
|---|---|---|--|--|
| Electronics Components and Systems | Photonic Components and Systems | | | |
| <p>Choose one:</p> <p>Radio Frequency Systems</p> <p>Embedded Systems for the Internet of Things (UCAM-4B25)</p> <p>Electronic Sensors and Instrumentation (UCAM-4B13)</p> <p>RF Circuit and Systems (UCL-RFC)</p> | <p>Choose one:</p> <p>Photonic Systems (UCAM-4B11)</p> <p>Photonic Subsystems (UCL-PSS)</p> <p>Optical Fibre Communication (UCAM-4B23)</p> <p>Optical Transmission Network (UCL-OTN)</p> <p>Advance Photonic Devices (UCL-APD)</p> | <p>Choose two:</p> <p>Nanotechnology (UCAM-4B5)</p> <p>Analogue integrated circuits (UCAM-4B21)</p> <p>Computer vision (UCAM-4F12)</p> <p>Advanced Information Theory and Coding (UCAM-4F5)</p> <p>Flexible and Stretchable Electronic (UCAM-GRM3 or 5B22)</p> <p>Devices for high frequency Electronics and Biosensing (UCAM-4B26)</p> <p>Image processing and Image Coding (UCAM-4F8)</p> <p>Physics and Optics of Nanostructures (UCL-PON)</p> <p>Broadband Technologies and Components (UCL-BTC)</p> <p>Broadband Communication Lab (UCL-BCL)</p> <p>Applied Machine Learning (UCL-AML)</p> <p>Software for Network and Services Design (UCL-SNS)</p> <p>Electronics Circuit III (UCL)</p> <p>Internet of Things (UCL-IoT)</p> | <p>Choose one:</p> <p>Telecommunication Business Environment (UCL-TBE)</p> <p>Management of Technology (UCAM-4E4)</p> | <p>Compulsory:</p> <p>Responsible Innovation workshop</p> <p>Attendance at Industry Day</p> <p>Attendance at seminars</p> <p>Attendance at Barlow/Mildner Lecture</p> |